11/26/84
A8050-1

November 20, 1984

press release

FOR RELEASE A.M. MONDAY, NOVEMBER 26, 1984

McLean, VA, November 26, 1984 -- Machine tool orders for the month of October declined a slight 1% to a total of $283.50 million according to data released today by the industry's trade group, the National Machine Tool Builders' Association. Total shipments for the month, at $207.70 million were also off 1% from the previous month.

Association President James A. Gray noted that "it is refreshing to see total new orders approaching the $300 million level. If the recent decline in interest rates continues and if the general economic recovery follows projections of 3 to 4% growth in 1985, we should see further gains by the U.S. machine tool industry.

"As the 1984 International Machine Tool Show (held in Chicago in September) clearly demonstrated, the most advanced machine tools and manufacturing systems are available from U.S.

- over -

Contact:

Charles Pollock

national machine tool builders association

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TWX 710-831-0031 NMTBA MCLN

builders. Despite the constraints of a very expensive dollar and the resulting import penetration, U.S. builders have worked hard over the past few years to develop and incorporate the latest technologies in their products."

Net new orders for metal cutting machine tools fell 14% in October, to a level of $191.65 million while shipments for the category were off 4% at $145.10 million. Orders for metal forming tools increased by 43% for the month, at $91.85 million while shipments rose 5% to a level of $62.60 million.

Industry order backlogs increased in October to a level of $1.7 billion.

# # # # # # # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

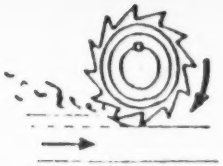
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Oct. 1984	176,600	15,050	191,650	71,550	20,300	91,850	248,150	35,350	283,500
Sept. 1984	194,850	27,300	222,150	60,250	3,800	64,050	255,100	31,100	286,200
% Change									
Oct. 1984:Sept.1984	-9.4	-44.9	-13.7	+18.8	+434.2	+43.4	-2.7	+13.7	-0.9
Oct. 1983	115,600	13,850	129,450	69,950	3,150	73,100	185,550	17,000	202,550
% Change									
Oct. 1984:Oct. 1983	+52.8	+8.7	+48.0	+2.3	+544.4	+25.6	+33.7	+107.9	+40.0
Year To Date 1984	1,402,600	194,000	1,596,600	787,050	64,900	851,950	2,189,650	258,900	2,448,550
Year To Date 1983	877,650	67,400	945,050	399,600	40,000	439,600	1,277,250	107,400	1,384,650
% Change									
1984 : 1983	+59.8	+187.8	+68.9	+97.0	+62.3	+93.8	+71.4	+141.1	+76.8

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Oct. 1984	129,450	15,650	145,100	57,600	5,000	62,600	187,050	20,650	207,700
Sept. 1984	138,700	12,650	151,350	51,150	8,250	59,400	189,850	20,900	210,750
% Change									
Oct. 1984:Sept.1984	-6.7	+23.7	-4.1	+12.6	-39.4	+5.4	-1.5	-1.2	-1.4
Oct. 1983	93,150	8,900	102,050	40,850	2,500	43,350	134,000	11,400	145,400
% Change									
Oct. 1984:Oct. 1983	+39.0	+75.8	+42.2	+41.0	+100.0	+44.4	+39.6	+81.1	+42.8
Year To Date 1984	1,153,250	93,300	1,246,550	491,350	60,450	551,800	1,644,600	153,750	1,798,350
Year To Date 1983	951,300	131,200	1,082,500	339,000	38,050	377,050	1,290,300	169,250	1,459,550
% Change									
1984 : 1983	+21.2	-28.9	+15.2	+44.9	+58.9	+46.3	+27.5	-9.2	+23.2

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

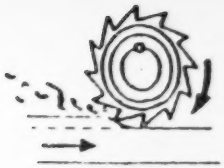
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1984							
Jan.	$ 175,550,000	$ 13,550,000	$ 189,100,000	1,120.85	$ 100,900,000	$ 12,050,000	$ 112,950,000
Feb.	$ 187,700,000	$ 15,200,000	$ 202,900,000	1,176.45	$ 135,700,000	$ 11,600,000	$ 147,300,000
Mar.	$ 188,650,000	$ 19,800,000	$ 208,450,000	1,195.65	$ 172,350,000	$ 16,900,000	$ 189,250,000
Apr.	$ 201,600,000	$ 51,500,000	$ 253,100,000	1,290.00	$ 145,000,000	$ 13,750,000	$ 158,750,000
May	$ 291,900,000	$ 27,650,000	$ 319,550,000	1,399.50	$ 194,400,000	$ 15,650,000	$ 210,050,000
June	$ 161,150,000	$ 30,600,000	$ 191,750,000	1,387.75	$ 182,200,000	$ 21,300,000	$ 203,500,000
July	$ 299,600,000	$ 13,800,000	$ 313,400,000	1,507.40	$ 182,000,000	$ 11,750,000	$ 193,750,000
Aug.	$ 180,250,000	$ 20,350,000	$ 200,600,000	1,543.65	$ 155,150,000	$ 9,200,000	$ 164,350,000
Sept.	$ 255,100,000	$ 31,100,000	$ 286,200,000	1,619.10	$ 189,850,000	$ 20,900,000	$ 210,750,000
Oct. (p)	$ 248,150,000	$ 35,350,000	$ 283,500,000	1,694.90	$ 187,050,000	$ 20,650,000	$ 207,700,000
10 Mos.	$2,189,650,000	$ 258,900,000	$2,448,550,000		$1,644,600,000	$ 153,750,000	$1,798,350,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1984						
Jan.	$ 183,900,000	$ 14,300,000	$ 198,200,000	$ 8,350,000	$ 750,000	$ 9,100,000
Feb.	$ 197,050,000	$ 16,900,000	$ 213,950,000	$ 9,350,000	$ 1,700,000	$ 11,050,000
Mar.	$ 196,700,000	$ 21,200,000	$ 217,900,000	$ 8,050,000	$ 1,400,000	$ 9,450,000
Apr.	$ 209,800,000	$ 52,050,000	$ 261,850,000	$ 8,200,000	$ 550,000	$ 8,750,000
May	$ 303,700,000	$ 27,850,000	$ 331,550,000	$ 11,800,000	$ 200,000	$ 12,000,000
June	$ 178,200,000	$ 32,450,000	$ 210,650,000	$ 17,050,000	$ 1,850,000	$ 18,900,000
July	$ 301,800,000	$ 14,200,000	$ 316,000,000	$ 2,200,000	$ 400,000	$ 2,600,000
Aug.	$ 189,600,000	$ 20,700,000	$ 210,300,000	$ 9,350,000	$ 350,000	$ 9,700,000
Sept.	$ 264,000,000	$ 31,800,000	$ 295,800,000	$ 8,900,000	$ 700,000	$ 9,600,000
Oct.(p)	$ 256,600,000	$ 36,500,000	$ 293,100,000	$ 6,450,000	$ 1,150,000	$ 9,600,000
10 Mos.	$2,281,350,000	$ 267,950,000	$2,549,300,000	$ 91,700,000	$ 9,050,000	$ 100,750,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1984							
Jan.	$ 122,500,000	$ 10,700,000	$ 133,200,000	883.80	$ 65,350,000	$ 7,200,000	$ 72,550,000
Feb.	$ 121,700,000	$ 11,350,000	$ 133,050,000	913.80	$ 95,300,000	$ 7,750,000	$ 103,050,000
Mar.	$ 131,900,000	$ 14,600,000	$ 146,500,000	937.80	$ 112,350,000	$ 10,150,000	$ 122,500,000
Apr.	$ 135,700,000	$ 44,100,000	$ 179,800,000	1,016.10	$ 92,700,000	$ 8,800,000	$ 101,500,000
May	$ 167,500,000	$ 20,950,000	$ 188,450,000	1,054.55	$ 142,100,000	$ 7,900,000	$ 150,000,000
June	$ 107,550,000	$ 23,400,000	$ 130,950,000	1,035.20	$ 138,750,000	$ 11,550,000	$ 150,300,000
July	$ 126,050,000	$ 9,800,000	$ 135,850,000	1,037.80	$ 127,500,000	$ 5,750,000	$ 133,250,000
Aug.	$ 118,250,000	$ 16,750,000	$ 135,000,000	1,055.85	$ 111,050,000	$ 5,900,000	$ 116,950,000
Sept.	$ 194,850,000	$ 27,300,000	$ 222,150,000	1,126.65	$ 138,700,000	$ 12,650,000	$ 151,350,000
Oct. (p)	$ 176,600,000	$ 15,050,000	$ 191,650,000	1,173.20	$ 129,450,000	$ 15,650,000	$ 145,100,000
10 Mos.	$1,402,600,000	$ 194,000,000	$1,596,600,000		$1,153,250,000	$ 93,300,000	$1,246,550,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1984						
Jan.	$ 127,550,000	$ 10,750,000	$ 138,300,000	$ 5,050,000	$ 50,000	$ 5,100,000
Feb.	$ 130,600,000	$ 12,400,000	$ 143,000,000	$ 8,900,000	$ 1,050,000	$ 9,950,000
Mar.	$ 137,150,000	$ 15,950,000	$ 153,100,000	$ 5,250,000	$ 1,350,000	$ 6,600,000
Apr.	$ 141,800,000	$ 44,200,000	$ 186,000,000	$ 6,100,000	$ 100,000	$ 6,200,000
May	$ 171,250,000	$ 21,100,000	$ 192,350,000	$ 3,750,000	$ 150,000	$ 3,900,000
June	$ 123,050,000	$ 25,200,000	$ 148,250,000	$ 15,500,000	$ 1,800,000	$ 17,300,000
July	$ 127,350,000	$ 10,000,000	$ 137,350,000	$ 1,300,000	$ 200,000	$ 1,500,000
Aug.	$ 124,300,000	$ 17,050,000	$ 141,350,000	$ 6,050,000	$ 300,000	$ 6,350,000
Sept.	$ 201,550,000	$ 27,950,000	$ 229,500,000	$ 6,700,000	$ 650,000	$ 7,350,000
Oct. (p)	$ 182,650,000	$ 15,900,000	$ 198,550,000	$ 6,050,000	$ 850,000	$ 6,900,000
10 Mos.	$1,467,250,000	$ 200,500,000	$1,667,750,000	$ 64,650,000	$ 6,500,000	$ 71,150,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1984							
Jan.	$ 53,050,000	$ 2,850,000	$ 55,900,000	237.05	$ 35,550,000	$ 4,850,000	$ 40,400,000
Feb.	$ 66,000,000	$ 3,850,000	$ 69,850,000	262.65	$ 40,400,000	$ 3,850,000	$ 44,250,000
Mar.	$ 56,750,000	$ 5,200,000	$ 61,950,000	257.85	$ 60,000,000	$ 6,750,000	$ 66,750,000
Apr.	$ 65,900,000	$ 7,400,000	$ 73,300,000	273.90	$ 52,300,000	$ 4,950,000	$ 57,250,000
May	$ 124,400,000	$ 6,700,000	$ 131,100,000	344.95	$ 52,300,000	$ 7,750,000	$ 60,050,000
June	$ 53,600,000	$ 7,200,000	$ 60,800,000	352.55	$ 43,450,000	$ 9,750,000	$ 53,200,000
July	$ 173,550,000	$ 4,000,000	$ 177,550,000	469.60	$ 54,500,000	$ 6,000,000	$ 60,500,000
Aug.	$ 62,000,000	$ 3,600,000	$ 65,600,000	487.80	$ 44,100,000	$ 3,300,000	$ 47,400,000
Sept.	$ 60,250,000	$ 3,800,000	$ 64,050,000	492.45	$ 51,150,000	$ 8,250,000	$ 59,400,000
Oct. (p)	$ 71,550,000	$ 20,300,000	$ 91,850,000	521.70	$ 57,600,000	$ 5,000,000	$ 62,600,000
10 Mos.	$ 787,050,000	$ 64,900,000	$ 851,950,000		$ 491,350,000	$ 60,450,000	$ 551,800,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1984						
Jan.	$ 56,350,000	$ 3,550,000	$ 59,900,000	$ 3,300,000	$ 700,000	$ 4,000,000
Feb.	$ 66,450,000	$ 4,500,000	$ 70,950,000	$ 450,000	$ 650,000	$ 1,100,000
Mar.	$ 59,550,000	$ 5,250,000	$ 64,800,000	$ 2,800,000	$ 50,000	$ 2,850,000
Apr.	$ 68,000,000	$ 7,850,000	$ 75,850,000	$ 2,100,000	$ 450,000	$ 2,550,000
May	$ 132,450,000	$ 6,750,000	$ 139,200,000	$ 8,050,000	$ 50,000	$ 8,100,000
June	$ 55,150,000	$ 7,250,000	$ 62,400,000	$ 1,550,000	$ 50,000	$ 1,600,000
July	$ 174,450,000	$ 4,200,000	$ 178,650,000	$ 900,000	$ 200,000	$ 1,100,000
Aug.	$ 65,300,000	$ 3,650,000	$ 68,950,000	$ 3,300,000	$ 50,000	$ 3,350,000
Sept.	$ 62,450,000	$ 3,850,000	$ 66,300,000	$ 2,200,000	$ 50,000	$ 2,250,000
Oct. (p)	$ 73,950,000	$ 20,600,000	$ 94,550,000	$ 2,400,000	$ 300,000	$ 2,700,000
10 Mos.	$ 814,100,000	$ 67,450,000	$ 881,550,000	$ 27,050,000	$ 2,550,000	$ 29,600,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-14

December 24, 1984

FOR RELEASE A.M. MONDAY, DECEMBER 31, 1984

press release

Contact:
Charles Pollock

McLean, VA, December 31, 1984 -- Net new orders for American machine tools declined 25% in November to a level of $212.15 million, according to data released today by the National Machine Tool Builders' Association, the industry's trade group. Shipments rose a slight 2% for the month, totalling $212.40 million.

Association President James A. Gray commented that, "even though the economy now appears to be on a plateau, forecasts for 1985 by machine tool industry analysts are encouraging, especially after the past two years. Demand for American machine tools should continue to increase in the new year," Gray said. However, he cautioned that "an unexpected increase in interest rates or slowdown in the manufacturing sector's operating rates would produce a very quick change in the outlook for the machine tool industry."

Orders for metal cutting machine tools were off 17% in November, at $160.15 million, while shipments rose 10%, at $159.70 million. Metal

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national machine tool builders' association
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forming orders were down 43% for the month, totalling $52 million, while shipments in the category fell 16% to a level of $52.70 million.

Order backlogs were virtually unchanged at the end of November, totalling $1.7 billion.

# # # # # # # # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

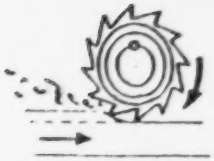
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Nov. 1984	154,950	5,200	160,150	51,450	550	52,000	206,400	5,750	212,150
Oct. 1984	176,650	15,100	191,750	71,550	20,300	91,850	248,200	35,400	283,600
% Change Nov. 1984:Oct. 1984	-12.3	-65.6	-16.5	-28.1	-97.3	-43.4	-16.8	-83.8	-25.2
Nov. 1983	107,650	7,700	115,350	40,850	4,050	44,900	148,500	11,750	160,250
% Change Nov. 1984:Nov. 1983	+43.9	-32.5	+38.8	+25.9	-86.4	+15.8	+39.0	-51.1	+32.4
Year To Date 1984	1,557,600	199,250	1,756,850	838,500	65,450	903,950	2,396,100	264,700	2,660,800
Year To Date 1983	985,300	75,100	1,060,400	440,450	44,050	484,500	1,425,750	119,150	1,544,900
% Change 1984 : 1983	+58.1	+165.3	+65.7	+90.4	+48.6	+86.6	+68.1	+122.2	+72.2

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Nov. 1984	147,800	11,900	159,700	48,300	4,400	52,700	196,100	16,300	212,400
Oct. 1984	129,450	15,700	145,150	57,600	5,000	62,600	187,050	20,700	207,750
% Change Nov. 1984:Oct. 1984	+14.2	-24.2	+10.0	-16.1	-12.0	-15.8	+4.8	-21.3	+2.2
Nov. 1983	96,150	11,100	107,250	37,100	3,350	40,450	133,250	14,450	147,700
% Change Nov. 1984:Nov. 1983	+53.7	+7.2	+48.9	+30.2	+31.3	+30.3	+47.2	+12.8	+43.8
Year To Date 1984	1,301,050	105,250	1,406,300	539,650	64,850	604,500	1,840,700	170,100	2,010,800
Year To Date 1983	1,047,450	142,300	1,189,750	376,100	41,400	417,500	1,423,550	183,700	1,607,250
% Change 1984 : 1983	+24.2	-26.0	+18.2	+43.5	+56.6	+44.8	+29.3	-7.4	+25.1

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

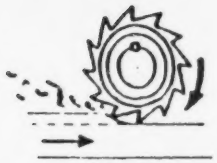
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1984							
Jan.	$ 175,550,000	$ 13,550,000	$ 189,100,000	1,120.85	$ 100,900,000	$ 12,050,000	$ 112,950,000
Feb.	$ 187,700,000	$ 15,200,000	$ 202,900,000	1,176.45	$ 135,700,000	$ 11,600,000	$ 147,300,000
Mar.	$ 188,650,000	$ 19,800,000	$ 208,450,000	1,195.65	$ 172,350,000	$ 16,900,000	$ 189,250,000
Apr.	$ 201,600,000	$ 51,500,000	$ 253,100,000	1,290.00	$ 145,000,000	$ 13,750,000	$ 158,750,000
May	$ 291,900,000	$ 27,650,000	$ 319,550,000	1,399.50	$ 194,400,000	$ 15,650,000	$ 210,050,000
June	$ 161,150,000	$ 30,600,000	$ 191,750,000	1,387.75	$ 182,200,000	$ 21,300,000	$ 203,500,000
July	$ 299,600,000	$ 13,800,000	$ 313,400,000	1,507.40	$ 182,000,000	$ 11,750,000	$ 193,750,000
Aug.	$ 180,250,000	$ 20,350,000	$ 200,600,000	1,543.65	$ 155,150,000	$ 9,200,000	$ 164,350,000
Sept.	$ 255,100,000	$ 31,100,000	$ 286,200,000	1,619.10	$ 189,850,000	$ 20,900,000	$ 210,750,000
Oct.	$ 248,200,000	$ 35,400,000	$ 283,600,000	1,694.95	$ 187,050,000	$ 20,700,000	$ 207,750,000
Nov. (p)	$ 206,400,000	$ 5,750,000	$ 212,150,000	1,694.70	$ 196,100,000	$ 16,300,000	$ 212,400,000
11 Mos.	$2,396,100,000	$ 264,700,000	$2,660,800,000		$1,840,700,000	$ 170,100,000	$2,010,800,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1984						
Jan.	$ 183,900,000	$ 14,300,000	$ 198,200,000	$ 8,350,000	$ 750,000	$ 9,100,000
Feb.	$ 197,050,000	$ 16,900,000	$ 213,950,000	$ 9,350,000	$ 1,700,000	$ 11,050,000
Mar.	$ 196,700,000	$ 21,200,000	$ 217,900,000	$ 8,050,000	$ 1,400,000	$ 9,450,000
Apr.	$ 209,800,000	$ 52,050,000	$ 261,850,000	$ 8,200,000	$ 550,000	$ 8,750,000
May	$ 303,700,000	$ 27,850,000	$ 331,550,000	$ 11,800,000	$ 200,000	$ 12,000,000
June	$ 178,200,000	$ 32,450,000	$ 210,650,000	$ 17,050,000	$ 1,850,000	$ 18,900,000
July	$ 301,800,000	$ 14,200,000	$ 316,000,000	$ 2,200,000	$ 400,000	$ 2,600,000
Aug.	$ 189,600,000	$ 20,700,000	$ 210,300,000	$ 9,350,000	$ 350,000	$ 9,700,000
Sept.	$ 264,000,000	$ 31,800,000	$ 295,800,000	$ 8,900,000	$ 700,000	$ 9,600,000
Oct.	$ 256,700,000	$ 36,550,000	$ 293,250,000	$ 8,500,000	$ 1,150,000	$ 9,650,000
Nov. (p)	$ 220,500,000	$ 7,050,000	$ 227,550,000	$ 14,100,000	$ 1,300,000	$ 15,400,000
11 Mos.	$2,501,950,000	$ 275,050,000	$2,777,000,000	$ 105,850,000	$ 10,350,000	$ 116,200,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1984							
Jan.	$ 122,500,000	$ 10,700,000	$ 133,200,000	883.80	$ 65,350,000	$ 7,200,000	$ 72,550,000
Feb.	$ 121,700,000	$ 11,350,000	$ 133,050,000	913.80	$ 95,300,000	$ 7,750,000	$ 103,050,000
Mar.	$ 131,900,000	$ 14,600,000	$ 146,500,000	937.80	$ 112,350,000	$ 10,150,000	$ 122,500,000
Apr.	$ 135,700,000	$ 44,100,000	$ 179,800,000	1,016.10	$ 92,700,000	$ 8,800,000	$ 101,500,000
May	$ 167,500,000	$ 20,950,000	$ 188,450,000	1,054.55	$ 142,100,000	$ 7,900,000	$ 150,000,000
June	$ 107,550,000	$ 23,400,000	$ 130,950,000	1,035.20	$ 138,750,000	$ 11,550,000	$ 150,300,000
July	$ 126,050,000	$ 9,800,000	$ 135,850,000	1,037.80	$ 127,500,000	$ 5,750,000	$ 133,250,000
Aug.	$ 118,250,000	$ 16,750,000	$ 135,000,000	1,055.85	$ 111,050,000	$ 5,900,000	$ 116,950,000
Sept.	$ 194,850,000	$ 27,300,000	$ 222,150,000	1,126.65	$ 138,700,000	$ 12,650,000	$ 151,350,000
Oct.	$ 176,650,000	$ 15,100,000	$ 191,750,000	1,173.25	$ 129,450,000	$ 15,700,000	$ 145,150,000
Nov. (p)	$ 154,950,000	$ 5,200,000	$ 160,150,000	1,173.70	$ 147,800,000	$ 11,900,000	$ 159,700,000
11 Mos.	$1,557,600,000	$ 199,250,000	$1,756,850,000		$1,301,050,000	$105,250,000	$1,406,300,000

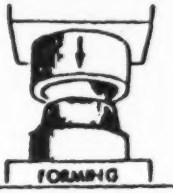
DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1984						
Jan.	$ 127,550,000	$ 10,750,000	$ 138,300,000	$ 5,050,000	$ 50,000	$ 5,100,000
Feb.	$ 130,600,000	$ 12,400,000	$ 143,000,000	$ 8,900,000	$ 1,050,000	$ 9,950,000
Mar.	$ 137,150,000	$ 15,950,000	$ 153,100,000	$ 5,250,000	$ 1,350,000	$ 6,600,000
Apr.	$ 141,800,000	$ 44,200,000	$ 186,000,000	$ 6,100,000	$ 100,000	$ 6,200,000
May	$ 171,250,000	$ 21,100,000	$ 192,350,000	$ 3,750,000	$ 150,000	$ 3,900,000
June	$ 123,050,000	$ 25,200,000	$ 148,250,000	$ 15,500,000	$ 1,800,000	$ 17,300,000
July	$ 127,350,000	$ 10,000,000	$ 137,350,000	$ 1,300,000	$ 200,000	$ 1,500,000
Aug.	$ 124,300,000	$ 17,050,000	$ 141,350,000	$ 6,050,000	$ 300,000	$ 6,350,000
Sept.	$ 201,550,000	$ 27,950,000	$ 229,500,000	$ 6,700,000	$ 650,000	$ 7,350,000
Oct.	$ 182,750,000	$ 15,950,000	$ 198,700,000	$ 6,100,000	$ 850,000	$ 6,950,000
Nov. (p)	$ 163,750,000	$ 6,450,000	$ 170,200,000	$ 8,800,000	$ 1,250,000	$ 10,050,000
11 Mos.	$1,631,100,000	$ 207,000,000	$1,838,100,000	$ 73,500,000	$ 7,750,000	$ 81,250,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



	NET NEW ORDERS			Order Backlog	SHIPMENTS		
DATE	Domestic	Foreign	Total	(In Mil. $)	Domestic	Foreign	Total
1984							
Jan.	$ 53,050,000	$ 2,850,000	$ 55,900,000	237.05	$ 35,550,000	$ 4,850,000	$ 40,400,000
Feb.	$ 66,000,000	$ 3,850,000	$ 69,850,000	262.65	$ 40,400,000	$ 3,850,000	$ 44,250,000
Mar.	$ 56,750,000	$ 5,200,000	$ 61,950,000	257.85	$ 60,000,000	$ 6,750,000	$ 66,750,000
Apr.	$ 65,900,000	$ 7,400,000	$ 73,300,000	273.90	$ 52,300,000	$ 4,950,000	$ 57,250,000
May	$ 124,400,000	$ 6,700,000	$ 131,100,000	344.95	$ 52,300,000	$ 7,750,000	$ 60,050,000
June	$ 53,600,000	$ 7,200,000	$ 60,800,000	352.55	$ 43,450,000	$ 9,750,000	$ 53,200,000
July	$ 173,550,000	$ 4,000,000	$ 177,550,000	469.60	$ 54,500,000	$ 6,000,000	$ 60,500,000
Aug.	$ 62,000,000	$ 3,600,000	$ 65,600,000	487.80	$ 44,100,000	$ 3,300,000	$ 47,400,000
Sept.	$ 60,250,000	$ 3,800,000	$ 64,050,000	492.45	$ 51,150,000	$ 8,250,000	$ 59,400,000
Oct.	$ 71,550,000	$ 20,300,000	$ 91,850,000	521.70	$ 57,600,000	$ 5,000,000	$ 62,600,000
Nov. (p)	$ 51,450,000	$ 550,000	$ 52,000,000	521.00	$ 48,300,000	$ 4,400,000	$ 52,700,000
11 Mos.	$ 838,500,000	$ 65,450,000	$ 903,950,000		$ 539,650,000	$ 64,850,000	$ 604,500,000

	GROSS NEW ORDERS			CANCELLATIONS		
DATE	Domestic	Foreign	Total	Domestic	Foreign	Total
1984						
Jan.	$ 56,350,000	$ 3,550,000	$ 59,900,000	$ 3,300,000	$ 700,000	$ 4,000,000
Feb.	$ 66,450,000	$ 4,500,000	$ 70,950,000	$ 450,000	$ 650,000	$ 1,100,000
Mar.	$ 59,550,000	$ 5,250,000	$ 64,800,000	$ 2,800,000	$ 50,000	$ 2,850,000
Apr.	$ 68,000,000	$ 7,850,000	$ 75,850,000	$ 2,100,000	$ 450,000	$ 2,550,000
May	$ 132,450,000	$ 6,750,000	$ 139,200,000	$ 8,050,000	$ 50,000	$ 8,100,000
June	$ 55,150,000	$ 7,250,000	$ 62,400,000	$ 1,550,000	$ 50,000	$ 1,600,000
July	$ 174,450,000	$ 4,200,000	$ 178,650,000	$ 900,000	$ 200,000	$ 1,100,000
Aug.	$ 65,300,000	$ 3,650,000	$ 68,950,000	$ 3,300,000	$ 50,000	$ 3,350,000
Sept.	$ 62,450,000	$ 3,850,000	$ 66,300,000	$ 2,200,000	$ 50,000	$ 2,250,000
Oct.	$ 73,950,000	$ 20,600,000	$ 94,550,000	$ 2,400,000	$ 300,000	$ 2,700,000
Nov. (p)	$ 56,750,000	$ 600,000	$ 57,350,000	$ 5,300,000	$ 50,000	$ 5,350,000
11 Mos.	$ 870,850,000	$ 68,050,000	$ 938,900,000	$ 32,350,000	$ 2,600,000	$ 34,950,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1

January 22, 1985

press release

FOR RELEASE A.M. MONDAY, JANUARY 28, 1985

Contact:
Charles Pollock

McLean, VA, January 28, 1985 -- Orders for new American-built machine tools rose 72% for the year ending December 31, 1984, according to data released today by the National Machine Tool Builders' Association. Net new orders for metal cutting and metal forming machine tools totalled $2,912,850,000 for the year compared to $1,696,150,000 in 1983. Shipments, at $2,277,700,000, increased 23% for the year compared to 1983's total of $1,845,050,000.

Orders for the month of December were up 19% from the previous month, at $252.2 million, while shipments rose 26% for the month, to a level of $267.6 million.

"Compared to 1983, this was a banner year for the American machine tool industry," commented Association president James A. Gray, "but there is still plenty of room for improvement in 1985." While encouraged by the results of the past twelve months, Gray emphasized that "industry orders are still a long way from their peak levels of 1979 and 1980."

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national machine tool builders association
7901 WESTPARK DRIVE
McLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

In the past year, orders for metal cutting machine tools increased 66%, totalling $1.913 billion, while year-end order totals for metal forming machines were up 84% to just under $1.0 billion. Metal cutting shipments rose 17% for the year, to $1.598 billion, while metal forming shipments, at $679.4 million, were up 44% over 1983 totals.

For the month of December, metal cutting orders, at $156.2 million, were 2% below the previous month, while shipments were up 21%, rising to $192.7 million. Metal forming orders, at $96.0 million, were ahead of November's by 85%. Shipments of forming machines were up 42%, at $74.9 million for the month.

Industry backlog, at $1.045 billion in December of 1983, increased to a level of $1.680 billion.

# # # # # # # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

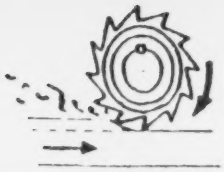
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Dec. 1984	140,650	15,550	156,200	92,950	3,050	96,000	233,600	18,600	252,200
Nov. 1984	154,750	5,250	160,000	51,450	550	52,000	206,200	5,800	212,000
% Change									
Dec. 1984:Nov. 1984	-9.1	+196.2	-2.4	+80.7	+454.5	+84.6	+13.3	+220.7	+19.0
Dec. 1983	84,150	7,100	91,250	48,300	11,700	60,000	132,450	18,800	151,250
% Change									
Dec. 1984:Dec. 1983	+67.1	+119.0	+71.2	+92.4	-73.9	+60.0	+76.4	-1.1	+66.7
Year To Date 1984	1,698,050	214,850	1,912,900	931,450	68,500	999,950	2,629,500	283,350	2,912,850
Year To Date 1983	1,069,450	82,200	1,151,650	488,750	55,750	544,500	1,558,200	137,950	1,696,150
% Change									
1984 : 1983	+58.8	+161.4	+66.1	+90.6	+22.9	+83.6	+68.8	+105.4	+71.7

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

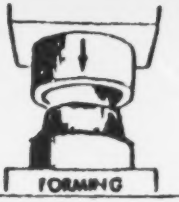
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Dec. 1984	178,650	14,050	192,700	69,100	5,750	74,850	247,750	19,800	267,550
Nov. 1984	147,150	11,900	159,050	48,300	4,400	52,700	195,450	16,300	211,750
% Change									
Dec. 1984:Nov. 1984	+21.4	+18.1	+21.2	+43.1	+30.7	+42.0	+26.8	+21.5	+26.4
Dec. 1983	152,150	29,600	181,750	54,350	1,700	56,050	206,500	31,300	237,800
% Change									
Dec. 1984:Dec. 1983	+17.4	-52.5	+6.0	+27.1	+238.2	+33.5	+20.0	-36.7	+12.5
Year To Date 1984	1,479,050	119,300	1,598,350	608,750	70,600	679,350	2,087,800	189,900	2,277,700
Year To Date 1983	1,199,600	171,900	1,371,500	430,450	43,100	473,550	1,630,050	215,000	1,845,050
% Change									
1984 : 1983	+23.3	-30.6	+16.5	+41.4	+63.8	+43.5	+28.1	-11.7	+23.4

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



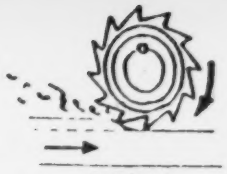
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1984							
Jan.	$ 175,550,000	$ 13,550,000	$ 189,100,000	1,120.85	$ 100,900,000	$ 12,050,000	$ 112,950,000
Feb.	$ 187,700,000	$ 15,200,000	$ 202,900,000	1,176.45	$ 135,700,000	$ 11,600,000	$ 147,300,000
Mar.	$ 188,650,000	$ 19,800,000	$ 208,450,000	1,195.65	$ 172,350,000	$ 16,900,000	$ 189,250,000
Apr.	$ 201,600,000	$ 51,500,000	$ 253,100,000	1,290.00	$ 145,000,000	$ 13,750,000	$ 158,750,000
May	$ 291,900,000	$ 27,650,000	$ 319,550,000	1,399.50	$ 194,400,000	$ 15,650,000	$ 210,050,000
June	$ 161,150,000	$ 30,600,000	$ 191,750,000	1,387.75	$ 182,200,000	$ 21,300,000	$ 203,500,000
July	$ 299,600,000	$ 13,800,000	$ 313,400,000	1,507.40	$ 182,000,000	$ 11,750,000	$ 193,750,000
Aug.	$ 180,250,000	$ 20,350,000	$ 200,600,000	1,543.65	$ 155,150,000	$ 9,200,000	$ 164,350,000
Sept.	$ 255,100,000	$ 31,100,000	$ 286,200,000	1,619.10	$ 189,850,000	$ 20,900,000	$ 210,750,000
Oct.	$ 248,200,000	$ 35,400,000	$ 283,600,000	1,694.95	$ 187,050,000	$ 20,700,000	$ 207,750,000
Nov.	$ 206,200,000	$ 5,800,000	$ 212,000,000	1,695.20	$ 195,450,000	$ 16,300,000	$ 211,750,000
Dec. (p)	$ 233,600,000	$ 18,600,000	$ 252,200,000	1,679.85	$ 247,750,000	$ 19,800,000	$ 267,550,000
12 Mos.	$2,629,500,000	$ 283,350,000	$2,912,850,000		$2,087,800,000	$ 189,900,000	$2,277,700,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1984						
Jan.	$ 183,900,000	$ 14,300,000	$ 198,200,000	$ 8,350,000	$ 750,000	$ 9,100,000
Feb.	$ 197,050,000	$ 16,900,000	$ 213,950,000	$ 9,350,000	$ 1,700,000	$ 11,050,000
Mar.	$ 196,700,000	$ 21,200,000	$ 217,900,000	$ 8,050,000	$ 1,400,000	$ 9,450,000
Apr.	$ 209,800,000	$ 52,050,000	$ 261,850,000	$ 8,200,000	$ 550,000	$ 8,750,000
May	$ 303,700,000	$ 27,850,000	$ 331,550,000	$ 11,800,000	$ 200,000	$ 12,000,000
June	$ 178,200,000	$ 32,450,000	$ 210,650,000	$ 17,050,000	$ 1,850,000	$ 18,900,000
July	$ 301,800,000	$ 14,200,000	$ 316,000,000	$ 2,200,000	$ 400,000	$ 2,600,000
Aug.	$ 189,600,000	$ 20,700,000	$ 210,300,000	$ 9,350,000	$ 350,000	$ 9,700,000
Sept.	$ 264,000,000	$ 31,800,000	$ 295,800,000	$ 8,900,000	$ 700,000	$ 9,600,000
Oct.	$ 256,700,000	$ 36,550,000	$ 293,250,000	$ 8,500,000	$ 1,150,000	$ 9,650,000
Nov.	$ 220,300,000	$ 7,100,000	$ 227,400,000	$ 14,100,000	$ 1,300,000	$ 15,400,000
Dec. (p)	$ 243,550,000	$ 20,250,000	$ 263,800,000	$ 9,950,000	$ 1,650,000	$ 11,600,000
12 Mos.	$2,745,300,000	$ 295,350,000	$3,040,650,000	$ 115,800,000	$ 12,000,000	$ 127,800,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1984							
Jan.	$ 122,500,000	$ 10,700,000	$ 133,200,000	883.80	$ 65,350,000	$ 7,200,000	$ 72,550,000
Feb.	$ 121,700,000	$ 11,350,000	$ 133,050,000	913.80	$ 95,300,000	$ 7,750,000	$ 103,050,000
Mar.	$ 131,900,000	$ 14,600,000	$ 146,500,000	937.80	$ 112,350,000	$ 10,150,000	$ 122,500,000
Apr.	$ 135,700,000	$ 44,100,000	$ 179,800,000	1,016.10	$ 92,700,000	$ 8,800,000	$ 101,500,000
May	$ 167,500,000	$ 20,950,000	$ 188,450,000	1,054.55	$ 142,100,000	$ 7,900,000	$ 150,000,000
June	$ 107,550,000	$ 23,400,000	$ 130,950,000	1,035.20	$ 138,750,000	$ 11,550,000	$ 150,300,000
July	$ 126,050,000	$ 9,800,000	$ 135,850,000	1,037.80	$ 127,500,000	$ 5,750,000	$ 133,250,000
Aug.	$ 118,250,000	$ 16,750,000	$ 135,000,000	1,055.85	$ 111,050,000	$ 5,900,000	$ 116,950,000
Sept.	$ 194,850,000	$ 27,300,000	$ 222,150,000	1,126.65	$ 138,700,000	$ 12,650,000	$ 151,350,000
Oct.	$ 176,650,000	$ 15,100,000	$ 191,750,000	1,173.25	$ 129,450,000	$ 15,700,000	$ 145,150,000
Nov.	$ 154,750,000	$ 5,250,000	$ 160,000,000	1,174.20	$ 147,150,000	$ 11,900,000	$ 159,050,000
Dec. (p)	$ 140,650,000	$ 15,550,000	$ 156,200,000	1,137.70	$ 178,650,000	$ 14,050,000	$ 192,700,000
12 Mos.	$1,698,050,000	$ 214,850,000	$1,912,900,000		$1,479,050,000	$119,300,000	$1,598,350,000

DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1984						
Jan.	$ 127,550,000	$ 10,750,000	$ 138,300,000	$ 5,050,000	$ 50,000	$ 5,100,000
Feb.	$ 130,600,000	$ 12,400,000	$ 143,000,000	$ 8,900,000	$ 1,050,000	$ 9,950,000
Mar.	$ 137,150,000	$ 15,950,000	$ 153,100,000	$ 5,250,000	$ 1,350,000	$ 6,600,000
Apr.	$ 141,800,000	$ 44,200,000	$ 186,000,000	$ 6,100,000	$ 100,000	$ 6,200,000
May	$ 171,250,000	$ 21,100,000	$ 192,350,000	$ 3,750,000	$ 150,000	$ 3,900,000
June	$ 123,050,000	$ 25,200,000	$ 148,250,000	$ 15,500,000	$ 1,800,000	$ 17,300,000
July	$ 127,350,000	$ 10,000,000	$ 137,350,000	$ 1,300,000	$ 200,000	$ 1,500,000
Aug.	$ 124,300,000	$ 17,050,000	$ 141,350,000	$ 6,050,000	$ 300,000	$ 6,350,000
Sept.	$ 201,550,000	$ 27,950,000	$ 229,500,000	$ 6,700,000	$ 650,000	$ 7,350,000
Oct.	$ 182,750,000	$ 15,950,000	$ 198,700,000	$ 6,100,000	$ 850,000	$ 6,950,000
Nov.	$ 163,550,000	$ 6,500,000	$ 170,050,000	$ 8,800,000	$ 1,250,000	$ 10,050,000
Dec. (p)	$ 147,350,000	$ 17,150,000	$ 164,500,000	$ 6,700,000	$ 1,600,000	$ 8,300,000
12 Mos.	$1,778,250,000	$ 224,200,000	$2,002,450,000	$ 80,200,000	$ 9,350,000	$ 89,550,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1984							
Jan.	$ 53,050,000	$ 2,850,000	$ 55,900,000	237.05	$ 35,550,000	$ 4,850,000	$ 40,400,000
Feb.	$ 66,000,000	$ 3,850,000	$ 69,850,000	262.65	$ 40,400,000	$ 3,850,000	$ 44,250,000
Mar.	$ 56,750,000	$ 5,200,000	$ 61,950,000	257.85	$ 60,000,000	$ 6,750,000	$ 66,750,000
Apr.	$ 65,900,000	$ 7,400,000	$ 73,300,000	273.90	$ 52,300,000	$ 4,950,000	$ 57,250,000
May	$ 124,400,000	$ 6,700,000	$ 131,100,000	344.95	$ 52,300,000	$ 7,750,000	$ 60,050,000
June	$ 53,600,000	$ 7,200,000	$ 60,800,000	352.55	$ 43,450,000	$ 9,750,000	$ 53,200,000
July	$ 173,550,000	$ 4,000,000	$ 177,550,000	469.60	$ 54,500,000	$ 6,000,000	$ 60,500,000
Aug.	$ 62,000,000	$ 3,600,000	$ 65,600,000	487.80	$ 44,100,000	$ 3,300,000	$ 47,400,000
Sept.	$ 60,250,000	$ 3,800,000	$ 64,050,000	492.45	$ 51,150,000	$ 8,250,000	$ 59,400,000
Oct.	$ 71,550,000	$ 20,300,000	$ 91,850,000	521.70	$ 57,600,000	$ 5,000,000	$ 62,600,000
Nov.	$ 51,450,000	$ 550,000	$ 52,000,000	521.00	$ 48,300,000	$ 4,400,000	$ 52,700,000
Dec. (p)	$ 92,950,000	$ 3,050,000	$ 96,000,000	542.15	$ 69,100,000	$ 5,750,000	$ 74,850,000
12 Mos.	$ 931,450,000	$ 68,500,000	$ 999,950,000		$ 608,750,000	$ 70,600,000	$ 679,350,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1984						
Jan.	$ 56,350,000	$ 3,550,000	$ 59,900,000	$ 3,300,000	$ 700,000	$ 4,000,000
Feb.	$ 66,450,000	$ 4,500,000	$ 70,950,000	$ 450,000	$ 650,000	$ 1,100,000
Mar.	$ 59,550,000	$ 5,250,000	$ 64,800,000	$ 2,800,000	$ 50,000	$ 2,850,000
Apr.	$ 68,000,000	$ 7,850,000	$ 75,850,000	$ 2,100,000	$ 450,000	$ 2,550,000
May	$ 132,450,000	$ 6,750,000	$ 139,200,000	$ 8,050,000	$ 50,000	$ 8,100,000
June	$ 55,150,000	$ 7,250,000	$ 62,400,000	$ 1,550,000	$ 50,000	$ 1,600,000
July	$ 174,450,000	$ 4,200,000	$ 178,650,000	$ 900,000	$ 200,000	$ 1,100,000
Aug.	$ 65,300,000	$ 3,650,000	$ 68,950,000	$ 3,300,000	$ 50,000	$ 3,350,000
Sept.	$ 62,450,000	$ 3,850,000	$ 66,300,000	$ 2,200,000	$ 50,000	$ 2,250,000
Oct.	$ 73,950,000	$ 20,600,000	$ 94,550,000	$ 2,400,000	$ 300,000	$ 2,700,000
Nov.	$ 56,750,000	$ 600,000	$ 57,350,000	$ 5,300,000	$ 50,000	$ 5,350,000
Dec. (p)	$ 96,200,000	$ 3,100,000	$ 99,300,000	$ 3,250,000	$ 50,000	$ 3,300,000
12 Mos.	$ 967,050,000	$ 71,150,000	$1,038,200,000	$ 35,600,000	$ 2,650,000	$ 38,250,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1979 TO DATE

	CUTTING AND FORMING			CUTTING			FORMING		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1979-1	$ 858,050	$ 88,300	$1,471,400	$ 633,450	$ 69,000	$1,158 250	$ 224,600	$ 19,300	$ 313,150
2	978,200	109,150	1,356,450	735,750	87,650	1,083,550	242,450	21,500	272,900
3	899,850	97,050	1,353,200	689,850	78,500	1,120,500	210,000	18,550	232,700
4	1,140,450	116,750	1,440,400	871,000	89,400	1,132,800	269,450	27,350	307,600
Total	$3,876,550	$411,250	$5,621,450	$2,930,050	$324,550	$4,495,100	$ 946,500	$ 86,700	$1,126,350
1980-1	$1,146,150	$115,700	$1,517,450	$ 881,400	$ 86,750	$1,207,800	$ 264,750	$ 28,950	$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	$4,691,750	$607,500	$4,754,300	$3,680,800	$474,800	$3,884,750	$1,010,950	$ 132,700	$ 869,550
1981-1	$1,288,200	$210,800	$ 920,350	$1,017,850	$155,600	$ 706,600	$ 270,350	$ 55,200	$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	$5,095,600	$718,950	$2,944,850	$4,104,500	$552,050	$2,228,100	$ 991,100	$ 166,900	$ 716,750
1982-1	$1,154,200	$112,650	$ 506,800	$ 933,050	$ 71,750	$ 384,850	$ 221,150	$ 40,900	$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	$3,604,400	$406,050	$1,497,750	$2,894,750	$296,150	$1,064,450	$ 709,650	$ 109,900	$ 433,300
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	336,050	139,850	7,550	178,000
Total	$1,845,050	$215,000	$1,696,150	$1,371,500	$171,900	$1,151,650	$ 473,550	$ 43,100	$ 544,500
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	$ 572,300	$ 50,700	$ 764,400	$ 401,800	$ 28,250	$ 499,200	$ 170,500	$ 22,450	$ 265,200
3	$ 568,850	$ 41,850	$ 800,200	$ 401,550	$ 24,300	$ 493,000	$ 167,300	$ 17,550	$ 307,200
4P	$ 687,050	$ 56,800	$ 747,800	$ 496,900	$ 41,650	$ 507,950	$ 190,150	$ 15,150	$ 239,850
Total	$2,277,700	$189,900	$2,912,850	$1,598,350	$119,300	$1,912,900	$ 679,350	$ 70,600	$ 999,950

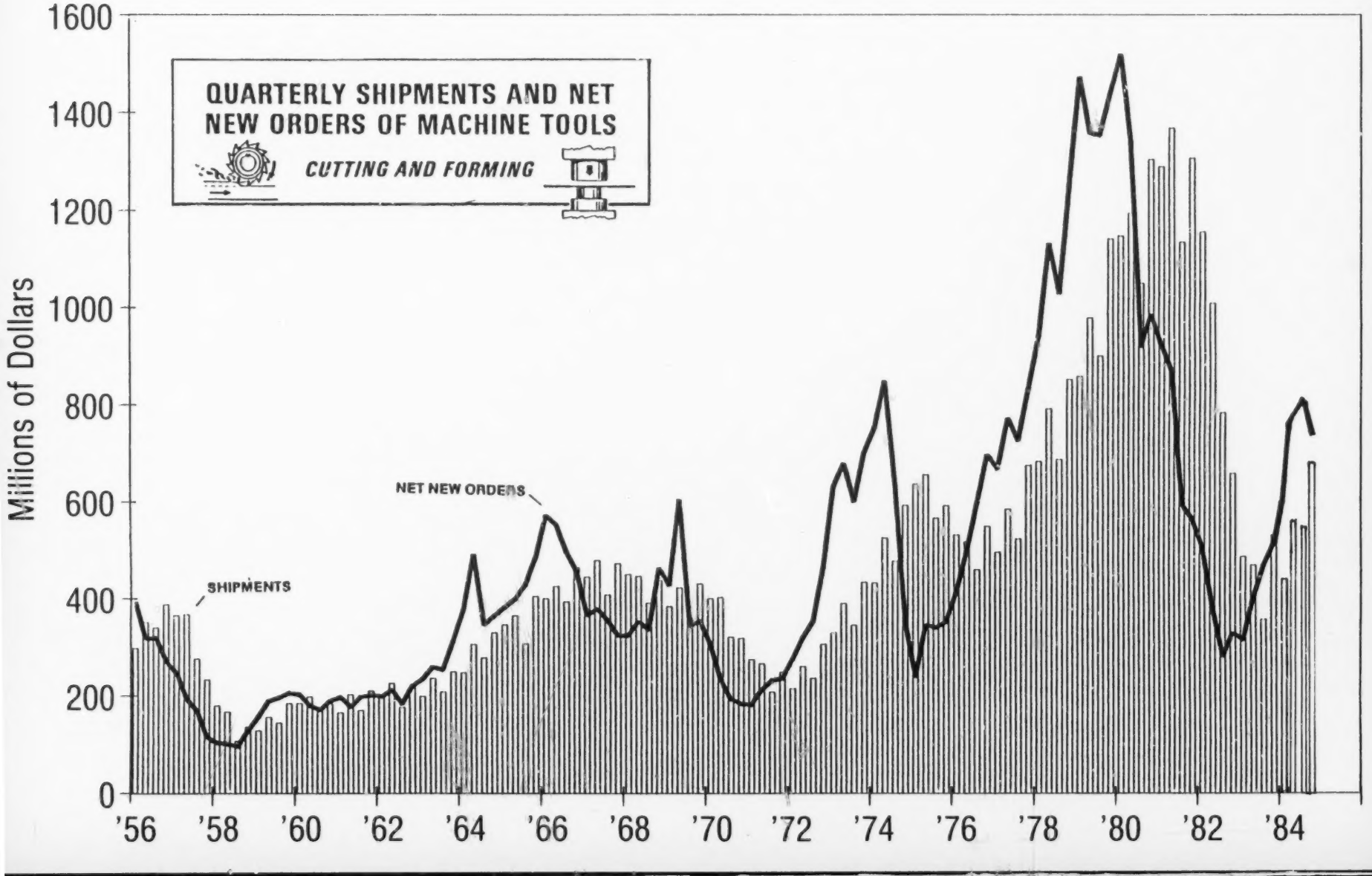
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1983, contact:
NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

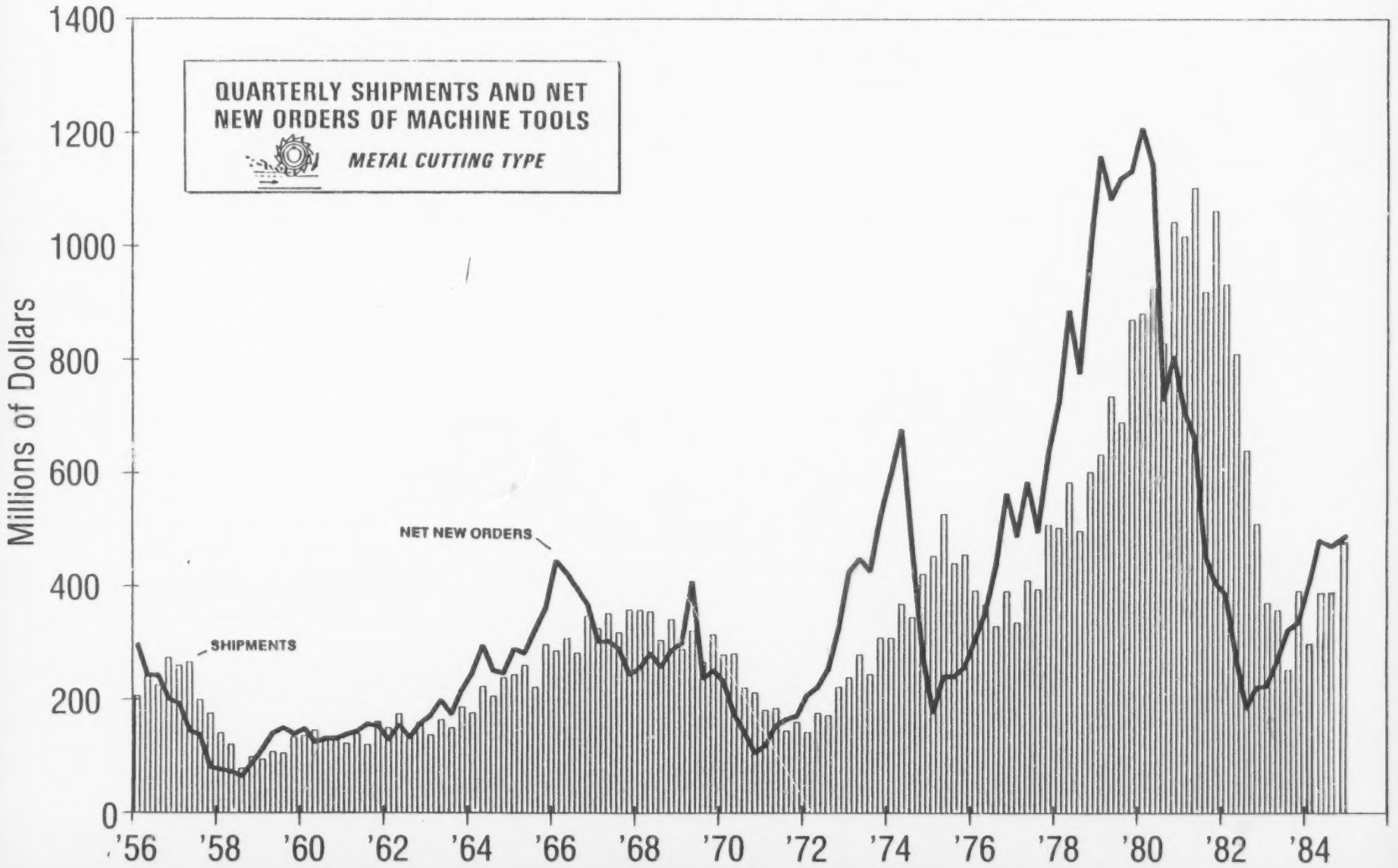
Source: National Machine Tool Builders' Association

January 28, 1985

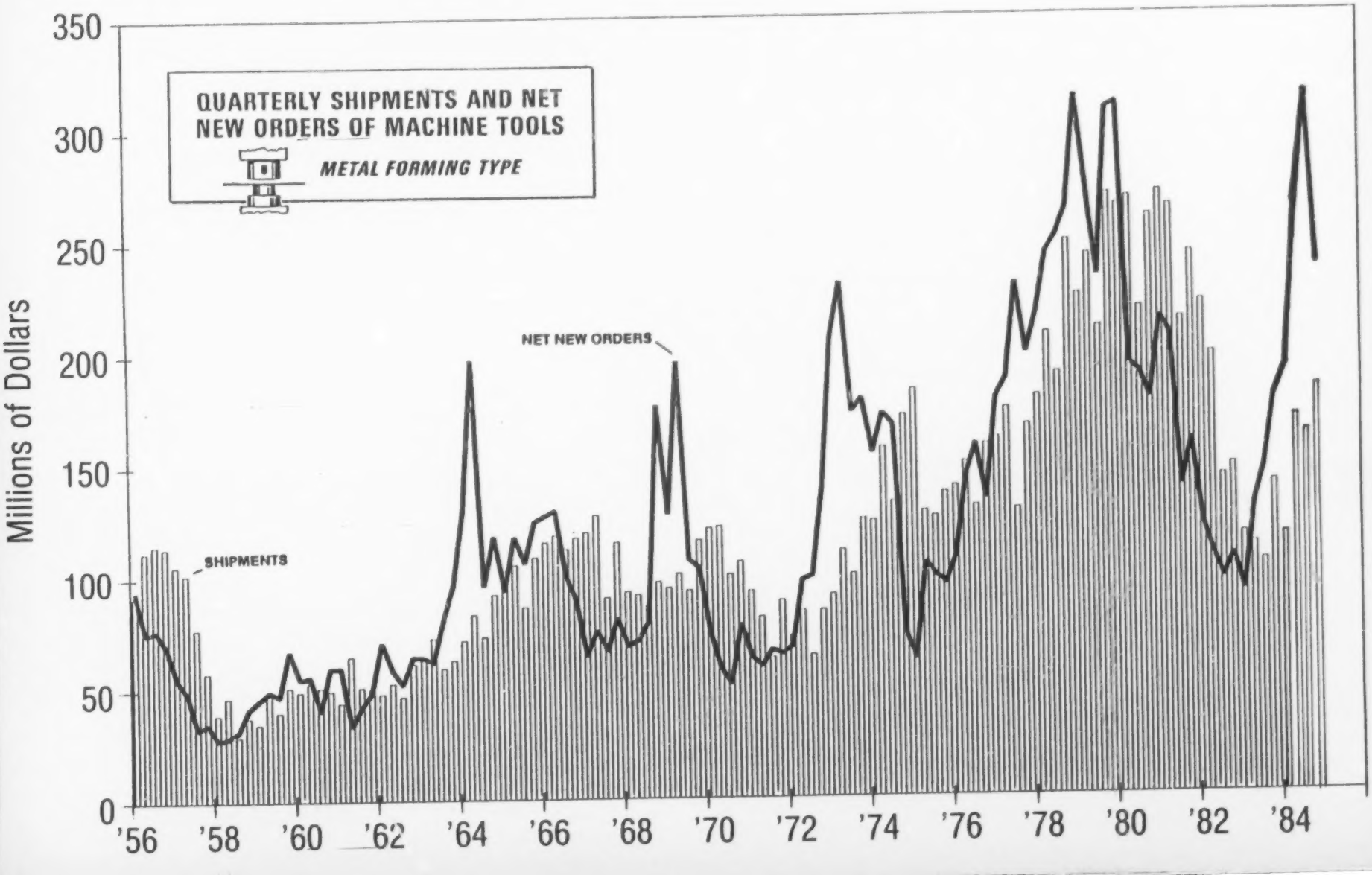
Total Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1984:3

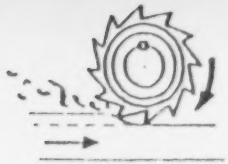


Metal Cutting Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1984:3

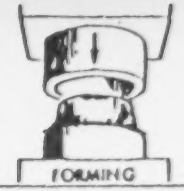


Metal Forming Machine Tool Shipments (Bar) and Net New Orders (Line) Quarterly, 1956:1 to 1984:3





TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



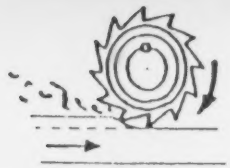
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1984							
Jan.	$ 175,550,000	$ 13,550,000	$ 189,100,000	1,120.85	$ 100,900,000	$ 12,050,000	$ 112,950,000
Feb.	$ 187,700,000	$ 15,200,000	$ 202,900,000	1,176.45	$ 135,700,000	$ 11,600,000	$ 147,300,000
Mar.	$ 188,650,000	$ 19,800,000	$ 208,450,000	1,195.65	$ 172,350,000	$ 16,900,000	$ 189,250,000
Apr.	$ 201,600,000	$ 51,500,000	$ 253,100,000	1,290.00	$ 145,000,000	$ 13,750,000	$ 158,750,000
May	$ 291,900,000	$ 27,650,000	$ 319,550,000	1,399.50	$ 194,400,000	$ 15,650,000	$ 210,050,000
June	$ 161,150,000	$ 30,600,000	$ 191,750,000	1,387.75	$ 182,200,000	$ 21,300,000	$ 203,500,000
July	$ 299,600,000	$ 13,800,000	$ 313,400,000	1,507.40	$ 182,000,000	$ 11,750,000	$ 193,750,000
Aug.	$ 180,250,000	$ 20,350,000	$ 200,600,000	1,543.65	$ 155,150,000	$ 9,200,000	$ 164,350,000
Sept.	$ 255,100,000	$ 31,100,000	$ 286,200,000	1,619.10	$ 189,850,000	$ 20,900,000	$ 210,750,000
Oct.	$ 248,200,000	$ 35,400,000	$ 283,600,000	1,694.95	$ 187,050,000	$ 20,700,000	$ 207,750,000
Nov.	$ 206,200,000	$ 5,800,000	$ 212,000,000	1,695.20	$ 195,450,000	$ 16,300,000	$ 211,750,000
Dec.	$ 235,150,000	$ 20,000,000	$ 255,150,000	1,674.65	$ 252,550,000	$ 23,150,000	$ 275,700,000
12 Mos.	$2,631,050,000	$ 284,750,000	$2,915,800,000		$2,092,600,000	$ 193,250,000	$2,285,850,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1984						
Jan.	$ 183,900,000	$ 14,300,000	$ 198,200,000	$ 8,350,000	$ 750,000	$ 9,100,000
Feb.	$ 197,050,000	$ 16,900,000	$ 213,950,000	$ 9,350,000	$ 1,700,000	$ 11,050,000
Mar.	$ 196,700,000	$ 21,200,000	$ 217,900,000	$ 8,050,000	$ 1,400,000	$ 9,450,000
Apr.	$ 209,800,000	$ 52,050,000	$ 261,850,000	$ 8,200,000	$ 550,000	$ 8,750,000
May	$ 303,700,000	$ 27,850,000	$ 331,550,000	$ 11,800,000	$ 200,000	$ 12,000,000
June	$ 178,200,000	$ 32,450,000	$ 210,650,000	$ 17,050,000	$ 1,850,000	$ 18,900,000
July	$ 301,800,000	$ 14,200,000	$ 316,000,000	$ 2,200,000	$ 400,000	$ 2,600,000
Aug.	$ 189,600,000	$ 20,700,000	$ 210,300,000	$ 9,350,000	$ 350,000	$ 9,700,000
Sept.	$ 264,000,000	$ 31,800,000	$ 295,800,000	$ 8,900,000	$ 700,000	$ 9,600,000
Oct.	$ 256,700,000	$ 36,550,000	$ 293,250,000	$ 8,500,000	$ 1,150,000	$ 9,650,000
Nov.	$ 220,300,000	$ 7,100,000	$ 227,400,000	$ 14,100,000	$ 1,300,000	$ 15,400,000
Dec.	$ 245,150,000	$ 21,600,000	$ 266,750,000	$ 10,000,000	$ 1,600,000	$ 11,600,000
12 Mos.	$2,746,900,000	$ 296,700,000	$3,043,600,000	$ 115,850,000	$ 11,950,000	$ 127,800,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1984							
Jan.	$ 122,500,000	$ 10,700,000	$ 133,200,000	883.80	$ 65,350,000	$ 7,200,000	$ 72,550,000
Feb.	$ 121,700,000	$ 11,350,000	$ 133,050,000	913.80	$ 95,300,000	$ 7,750,000	$ 103,050,000
Mar.	$ 131,900,000	$ 14,600,000	$ 146,500,000	937.80	$ 112,350,000	$ 10,150,000	$ 122,500,000
Apr.	$ 135,700,000	$ 44,100,000	$ 179,800,000	1,016.10	$ 92,700,000	$ 8,800,000	$ 101,500,000
May	$ 167,500,000	$ 20,950,000	$ 188,450,000	1,054.55	$ 142,100,000	$ 7,900,000	$ 150,000,000
June	$ 107,550,000	$ 23,400,000	$ 130,950,000	1,035.20	$ 138,750,000	$ 11,550,000	$ 150,300,000
July	$ 126,050,000	$ 9,800,000	$ 135,850,000	1,037.80	$ 127,500,000	$ 5,750,000	$ 133,250,000
Aug.	$ 118,250,000	$ 16,750,000	$ 135,000,000	1,055.85	$ 111,050,000	$ 5,900,000	$ 116,950,000
Sept.	$ 194,850,000	$ 27,300,000	$ 222,150,000	1,126.65	$ 138,700,000	$ 12,650,000	$ 151,350,000
Oct.	$ 176,650,000	$ 15,100,000	$ 191,750,000	1,173.25	$ 129,450,000	$ 15,700,000	$ 145,150,000
Nov.	$ 154,750,000	$ 5,250,000	$ 160,000,000	1,174.20	$ 147,150,000	$ 11,900,000	$ 159,050,000
Dec.	$ 142,150,000	$ 16,950,000	$ 159,100,000	1,132.45	$ 183,450,000	$ 17,400,000	$ 200,850,000
12 Mos.	$1,699,550,000	$ 216,250,000	$1,915,800,000		$1,483,850,000	$122,650,000	$1,606,500,000

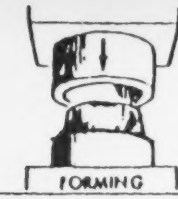
DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1984						
Jan.	$ 127,550,000	$ 10,750,000	$ 138,300,000	$ 5,050,000	$ 50,000	$ 5,100,000
Feb.	$ 130,600,000	$ 12,400,000	$ 143,000,000	$ 8,900,000	$ 1,050,000	$ 9,950,000
Mar.	$ 137,150,000	$ 15,950,000	$ 153,100,000	$ 5,250,000	$ 1,350,000	$ 6,600,000
Apr.	$ 141,800,000	$ 44,200,000	$ 186,000,000	$ 6,100,000	$ 100,000	$ 6,200,000
May	$ 171,250,000	$ 21,100,000	$ 192,350,000	$ 3,750,000	$ 150,000	$ 3,900,000
June	$ 123,050,000	$ 25,200,000	$ 148,250,000	$ 15,500,000	$ 1,800,000	$ 17,300,000
July	$ 127,350,000	$ 10,000,000	$ 137,350,000	$ 1,300,000	$ 200,000	$ 1,500,000
Aug.	$ 124,300,000	$ 17,050,000	$ 141,350,000	$ 6,050,000	$ 300,000	$ 6,350,000
Sept.	$ 201,550,000	$ 27,950,000	$ 229,500,000	$ 6,700,000	$ 650,000	$ 7,350,000
Oct.	$ 182,750,000	$ 15,950,000	$ 198,700,000	$ 6,100,000	$ 850,000	$ 6,950,000
Nov.	$ 163,550,000	$ 6,500,000	$ 170,050,000	$ 8,800,000	$ 1,250,000	$ 10,050,000
Dec.	$ 148,900,000	$ 18,500,000	$ 167,400,000	$ 6,750,000	$ 1,550,000	$ 8,300,000
12 Mos.	$1,779,800,000	$ 225,550,000	$2,005,350,000	$ 80,250,000	$ 9,300,000	$ 89,550,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1984							
Jan.	$ 53,050,000	$ 2,850,000	$ 55,900,000	237.05	$ 35,550,000	$ 4,850,000	$ 40,400,000
Feb.	$ 66,000,000	$ 3,850,000	$ 69,850,000	262.65	$ 40,400,000	$ 3,850,000	$ 44,250,000
Mar.	$ 56,750,000	$ 5,200,000	$ 61,950,000	257.85	$ 60,000,000	$ 6,750,000	$ 66,750,000
Apr.	$ 65,900,000	$ 7,400,000	$ 73,300,000	273.90	$ 52,300,000	$ 4,950,000	$ 57,250,000
May	$ 124,400,000	$ 6,700,000	$ 131,100,000	344.95	$ 52,300,000	$ 7,750,000	$ 60,050,000
June	$ 53,600,000	$ 7,200,000	$ 60,800,000	352.55	$ 43,450,000	$ 9,750,000	$ 53,200,000
July	$ 173,550,000	$ 4,000,000	$ 177,550,000	469.60	$ 54,500,000	$ 6,000,000	$ 60,500,000
Aug.	$ 62,000,000	$ 3,600,000	$ 65,600,000	487.80	$ 44,100,000	$ 3,300,000	$ 47,400,000
Sept.	$ 60,250,000	$ 3,800,000	$ 64,050,000	492.45	$ 51,150,000	$ 8,250,000	$ 59,400,000
Oct.	$ 71,550,000	$ 20,300,000	$ 91,850,000	521.70	$ 57,600,000	$ 5,000,000	$ 62,600,000
Nov.	$ 51,450,000	$ 550,000	$ 52,000,000	521.00	$ 48,300,000	$ 4,400,000	$ 52,700,000
Dec.	$ 93,000,000	$ 3,050,000	$ 96,050,000	542.20	$ 69,100,000	$ 5,750,000	$ 74,850,000
12 Mos.	$ 931,500,000	$ 68,500,000	$1,000,000,000		$ 608,750,000	$ 70,600,000	$ 679,350,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1984						
Jan.	$ 56,350,000	$ 3,550,000	$ 59,900,000	$ 3,300,000	$ 700,000	$ 4,000,000
Feb.	$ 66,450,000	$ 4,500,000	$ 70,950,000	$ 450,000	$ 650,000	$ 1,100,000
Mar.	$ 59,550,000	$ 5,250,000	$ 64,800,000	$ 2,800,000	$ 50,000	$ 2,850,000
Apr.	$ 68,000,000	$ 7,850,000	$ 75,850,000	$ 2,100,000	$ 450,000	$ 2,550,000
May	$ 132,450,000	$ 6,750,000	$ 139,200,000	$ 8,050,000	$ 50,000	$ 8,100,000
June	$ 55,150,000	$ 7,250,000	$ 62,400,000	$ 1,550,000	$ 50,000	$ 1,600,000
July	$ 174,450,000	$ 4,200,000	$ 178,650,000	$ 900,000	$ 200,000	$ 1,100,000
Aug.	$ 65,300,000	$ 3,650,000	$ 68,950,000	$ 3,300,000	$ 50,000	$ 3,350,000
Sept.	$ 62,450,000	$ 3,850,000	$ 66,300,000	$ 2,200,000	$ 50,000	$ 2,250,000
Oct.	$ 73,950,000	$ 20,600,000	$ 94,550,000	$ 2,400,000	$ 300,000	$ 2,700,000
Nov.	$ 56,750,000	$ 600,000	$ 57,350,000	$ 5,300,000	$ 50,000	$ 5,350,000
Dec.	$ 96,250,000	$ 3,100,000	$ 99,350,000	$ 3,250,000	$ 50,000	$ 3,300,000
12 Mos.	$ 967,100,000	$ 71,150,000	$1,038,250,000	$ 35,600,000	$ 2,650,000	$ 38,250,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1A

February 20, 1985

press release

Contact:
Charles Pollock

FOR RELEASE A.M. MONDAY, February 25, 1985

McLean, VA, February 25, 1985 -- Net new orders for American machine tools declined 17% in January to a level of $211.90 million, according to data released today by the National Machine Tool Builders' Association. Shipments declined 50% for the month to a level of $137.80 million. However, compared to a year ago January, machine tool orders were up 12% and shipments rose 22%.

Association president James A. Gray attributed the monthly decline to a strong end of year surge in December. "Although we lost about one-quarter of our industry in the last few years, the machine tool industry continues to restructure and rebuild itself from a very modest base," said Gray. "The silver lining may be found in the streamlining efforts and the increasing application of new technology by American machine tool companies."

- over -

national machine tool builders association
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TWX: 710-831-0031 NMTBA MCLN

Orders for metal cutting machine tools were off 13% in December, at $138.20 million, while shipments fell 55% to a level of $89.75 million. In the metal forming category, orders declined 23% for the month, totalling $73.70 million, while shipments dropped 36% to a level of $48.05 million.

Order backlogs increased slightly during the month to a total of $1.75 billion.

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COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

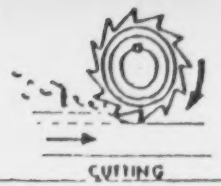
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Jan. 1985	125,200	13,000	138,200	71,150	2,550	73,700	196,350	15,550	211,900
Dec. 1984	142,150	16,950	159,100	93,000	3,050	96,050	235,150	20,000	255,150
% Change Jan. 1985:Dec. 1984	-11.9	-23.3	-13.1	-23.5	-16.4	-23.3	-16.5	-22.3	-17.0
Jan. 1984	122,500	10,700	133,200	53,050	2,850	55,900	175,550	13,550	189,100
% Change Jan. 1985:Jan. 1984	+2.2	+21.5	+3.8	+34.1	-10.5	+31.8	+11.8	+14.8	+12.1
Year To Date 1985									
Year To Date 1984		NA			NA			NA	
% Change 1984 : 1983									

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Jan. 1985	80,600	9,150	89,750	45,950	2,100	48,050	126,550	11,250	137,800
Dec. 1984	183,450	17,400	200,850	69,100	5,750	74,850	252,550	23,150	275,700
% Change Jan. 1985:Dec. 1984	-56.1	-47.4	-55.3	-33.5	-63.5	-35.8	-49.9	-51.4	-50.0
Jan. 1984	65,350	7,200	72,550	35,550	4,850	40,400	100,900	12,050	112,950
% Change Jan. 1985:Jan. 1984	+23.3	+27.1	+23.7	+29.3	-56.7	+18.9	+25.4	-6.6	+22.0
Year To Date 1985									
Year To Date 1984		NA			NA			NA	
% Change 1985 : 1984									

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

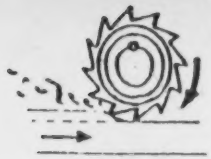
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan. (p)	$ 196,350,000	$ 15,550,000	$ 211,900,000	1,748.75	$ 126,550,000	$ 11,250,000	$ 137,800,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan. (p)	$ 209,450,000	$ 17,850,000	$ 227,300,000	$ 13,100,000	$ 2,300,000	$ 15,400,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order backlog (In Mil. $)	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1985							
Jan. (p)	$ 125,200,000	$ 13,000,000	$ 138,200,000	1,180.90	$ 80,600,000	$ 9,150,000	$ 89,750,000

DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1985						
Jan. (p)	$ 136,700,000	$ 14,050,000	$ 150,750,000	$ 11,500,000	$ 1,050,000	$ 12,550,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1985							
Jan. (p)	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000

DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1985						
Jan. (p)	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1A

March 20, 1985

press release

Contact:
Charles Pollock

national machine tool builders association

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FOR RELEASE A.M. MONDAY, March 25, 1985

McLean, VA, March 25, 1985 -- Net new orders for American machine tools rose 12% in February to a level of $237.60 million, according to data released today by the National Machine Tool Builders' Association. Shipments also increased for the month, by 21%, reaching a level of $166.15 million. Compared to a year ago, machine tool orders and shipments were up 17% and 13%, respectively.

Association president James A. Gray described the mood of the industry as one of "cautious optimism," as machine tool builders continue to gradually recover from two years of devastating losses.

"The American machine tool industry is a significantly smaller industry today," Gray said, "with a smaller share of the domestic market.

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"In an effort to reverse this trend, our companies are streamlining operations, applying new technologies, and -- in many cases -- forming joint ventures with foreign manufacturers.

"The American machine tool builder needs more than a good product to survive in a brand new and very difficult competitive environment" said Gray. "He must be resourceful enough to seek new opportunities. And he must be flexible enough to make the changes necessary to take advantage of these opportunities."

Orders for metal cutting machine tools climbed 19% in February, at $163.75 million, while shipments rose 21%, totalling $108.30 million. In the metal forming category, orders were up 0.2%, at $73.85 million, while shipments gained by 20%, at $57.85 million for the month.

Order backlogs increased in February from $1.75 billion to a total of $1.82 billion.

# # # # # # # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

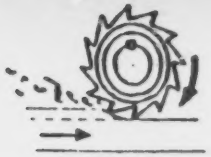
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Feb. 1985	148,050	15,700	163,750	69,650	4,200	73,850	217,700	19,900	237,600
Jan. 1985	124,750	13,000	137,750	71,150	2,550	73,700	195,900	15,550	211,450
% Change									
Feb. 1985:Jan. 1985	+18.7	+20.8	+18.9	-2.1	+64.7	+0.2	+11.1	+28.0	+12.4
Feb. 1984	121,700	11,350	133,050	66,000	3,850	69,850	187,700	15,200	202,900
% Change									
Feb. 1985:Feb. 1984	+21.7	+38.3	+23.1	+5.5	+9.1	+5.7	+16.0	+30.9	+17.1
Year To Date 1985	272,800	28,700	301,500	140,800	6,750	147,550	413,600	35,450	449,050
Year To Date 1984	244,200	22,050	266,250	119,050	6,700	125,750	363,250	28,750	392,000
% Change									
1984 : 1983	+11.7	+30.2	+13.2	+18.3	+0.7	+17.3	+13.9	+23.3	+14.6

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Feb. 1985	98,950	9,350	108,300	52,600	5,250	57,850	151,550	14,600	166,150
Jan. 1985	80,600	9,150	89,750	45,950	2,100	48,050	126,550	11,250	137,800
% Change									
Feb. 1985:Jan. 1985	+22.8	+2.2	+20.7	+14.5	+150.0	+20.4	+19.8	+29.8	+20.6
Feb. 1984	95,300	7,750	103,050	40,400	3,850	44,250	135,700	11,600	147,300
% Change									
Feb. 1985:Feb. 1984	+3.8	+20.6	+5.1	+30.2	+36.4	+30.7	+11.7	+25.9	+12.8
Year To Date 1985	179,550	18,500	198,050	98,550	7,350	105,900	278,100	25,850	303,950
Year To Date 1984	160,650	14,950	175,600	75,950	8,700	84,650	236,600	23,650	260,250
% Change									
1985 : 1984	+11.8	+23.7	+12.8	+29.8	-15.5	+25.1	+17.5	+9.3	+16.8

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb. (p)	$ 217,700,000	$ 19,900,000	$ 237,600,000	1,819.75	$ 151,550,000	$ 14,600,000	$ 166,150,000
2 Mos.	$ 413,600,000	$ 35,450,000	$ 449,050,000		$ 278,100,000	$ 25,850,000	$ 303,950,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,850,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb. (p)	$ 230,500,000	$ 20,650,000	$ 251,150,000	$ 12,800,000	$ 750,000	$ 13,550,000
2 Mos.	$ 439,500,000	$ 38,500,000	$ 478,000,000	$ 25,900,000	$ 3,050,000	$ 28,950,000

P - Preliminary

N.M.T.B.A. F - 1c

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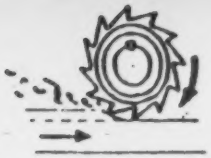

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb. (p)	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
2 Mos.	$ 272,800,000	$ 28,700,000	$ 301,500,000		$ 179,550,000	$ 18,500,000	$ 198,050,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb. (p)	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
2 Mos.	$ 295,150,000	$ 30,450,000	$ 325,600,000	$ 22,350,000	$ 1,750,000	$ 24,100,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb. (p)	$ 69,650,000	$ 4,200,000	$ 73,850,000	583.85	$ 52,600,000	$ 5,250,000	$ 57,850,000
2 Mos.	$ 140,800,000	$ 6,750,000	$ 147,550,000		$ 98,550,000	$ 7,350,000	$ 105,900,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb. (p)	$ 71,600,000	$ 4,250,000	$ 75,850,000	$ 1,950,000	$ 50,000	$ 2,000,000
2 Mos.	$ 144,350,000	$ 8,050,000	$ 152,400,000	$ 3,550,000	$ 1,300,000	$ 4,850,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1A

April 29, 1985

press release

FOR RELEASE A.M. MONDAY, April 29, 1985

MACHINE TOOL ORDERS AND SHIPMENTS RISE IN FIRST QUARTER

McLean, VA, April 29, 1985 -- First quarter industry results indicate that orders for American machine tools are 21% ahead of last year, totalling $728.25 million, according to the National Machine Tool Builders' Association, the industry's trade group. Shipments in the first three months of 1985, at $531.70 million, registered an 18% gain over 1984 first quarter totals.

Net new orders for the month of March, at $279.30 million, outpaced February's total by 18%, while shipments for the month rose 37% at $227.65 million.

With industry orders at their highest quarterly level since early 1981, Association president James A. Gray observed that, "the machine tool industry may never fully recover from the recent recession and flood tide of

- more -

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imports, however, at the moment it does seem to be convalescing rather well. Especially encouraging," said Gray, "are the recent signs of a shipment recovery, which should begin to alleviate the severe cash flow problems which many of our companies -- especially the smaller ones -- have been suffering under for some time."

For the month of March, orders in the metal cutting category of machine tools rose 39% to a level of $227 million, with shipments up by 47% at $159 million. Metal forming orders were off 29% at $52.30 million, however, shipments in the category climbed by 19%, to a total of $68.65 million.

Industry order backlogs increased slightly in March to $1.87 billion from a total of $1.82 billion the previous month.

# # # # # # # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

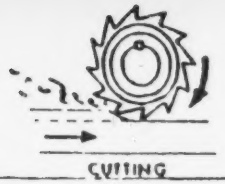
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
March 1985	202,700	24,300	227,000	47,050	5,250	52,300	249,750	29,550	279,300
Feb. 1985	148,050	15,700	163,750	69,550	4,200	73,750	217,600	19,900	237,500
% Change									
Mar. 1985:Feb. 1985	+36.9	+54.8	+38.6	-32.4	+25.0	-29.1	+14.8	+48.5	+17.6
March 1984	131,900	14,600	146,500	56,750	5,200	61,950	188,650	19,800	208,450
% Change									
Mar. 1985:Mar. 1984	+53.7	+66.4	+54.9	-17.1	+1.0	-15.6	+32.4	+49.2	+34.0
Year To Date 1985	475,500	53,000	528,500	187,750	12,000	199,750	663,250	65,000	728,250
Year To Date 1984	376,100	36,650	412,750	175,800	11,900	187,700	551,900	48,550	600,450
% Change									
1985 : 1984	+26.4	+44.6	+28.0	+6.8	+0.8	+6.4	+20.2	+33.9	+21.3

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
March 1985	140,350	18,650	159,000	64,200	4,450	68,650	204,550	23,100	227,650
Feb. 1985	98,950	9,350	108,300	52,700	5,250	57,950	151,650	14,600	166,250
% Change									
Mar. 1985:Feb. 1985	+41.8	+99.5	+46.8	+21.8	-15.2	+18.5	+34.9	+58.2	+36.9
March 1984	112,350	10,150	122,500	60,000	6,750	66,750	172,350	16,900	189,250
% Change									
Mar. 1985:Mar. 1984	+24.9	+83.7	+29.8	+7.0	-34.1	+2.8	+18.7	+36.7	+20.3
Year To Date 1985	319,900	37,150	357,050	162,850	11,800	174,650	482,750	48,950	531,700
Year To Date 1984	273,000	25,100	298,100	135,950	15,450	151,400	408,950	40,550	449,500
% Change									
1985 : 1984	+17.2	+48.0	+19.8	+19.8	-23.6	+15.4	+18.0	+20.7	+18.3

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
March (p)	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
3 Mos.	$ 663,250,000	$ 65,000,000	$ 728,250,000		$ 482,750,000	$ 48,950,000	$ 531,700,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,850,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
March (p)	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
3 Mos.	$ 705,550,000	$ 70,850,000	$ 776,400,000	$ 42,300,000	$ 5,850,000	$ 48,150,000

P - Preliminary

N.M.T.B.A. F - 1c

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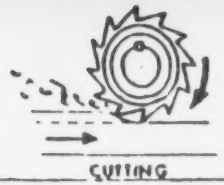


INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb.	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
March (p)	$ 202,700,000	$ 24,300,000	$ 227,000,000	1,303.90	$ 140,350,000	$ 18,650,000	$ 159,000,000
3 Mos.	$ 475,500,000	$ 53,000,000	$ 528,500,000		$ 319,900,000	$ 37,150,000	$ 357,050,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb.	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
March (p)	$ 212,600,000	$ 27,050,000	$ 239,650,000	$ 9,900,000	$ 2,750,000	$ 12,650,000
3 Mos.	$ 507,750,000	$ 57,500,000	$ 565,250,000	$ 32,250,000	$ 4,500,000	$ 36,750,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb.	$ 69,550,000	$ 4,200,000	$ 73,750,000	583.65	$ 52,700,000	$ 5,250,000	$ 57,950,000
March (p)	$ 47,050,000	$ 5,250,000	$ 52,300,000	567.30	$ 64,200,000	$ 4,450,000	$ 68,650,000
3 Mos.	$ 187,750,000	$ 12,000,000	$ 199,750,000		$ 162,850,000	$ 11,800,000	$ 174,650,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb.	$ 71,550,000	$ 4,250,000	$ 75,800,000	$ 2,000,000	$ 50,000	$ 2,050,000
March (p)	$ 53,500,000	$ 5,300,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
3 Mos.	$ 197,800,000	$ 13,350,000	$ 211,150,000	$ 10,050,000	$ 1,350,000	$ 11,400,000

P - Preliminary

N.M.T.b.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1980 TO DATE

	CUTTING AND FORMING			CUTTING			FORMING		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1980-1	$1,146,150	$115,700	$1,517,450	$ 881,400	$ 86,750	$1,207,800	$ 264,750	$ 28,950	$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	$4,691,750	$607,500	$4,754,300	$3,680,800	$474,800	$3,884,750	$1,010,950	$ 132,700	$ 869,550
1981-1	$1,288,200	$210,800	$ 920,350	$1,017,850	$155,600	$ 706,600	$ 270,350	$ 55,200	$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	$5,095,600	$718,950	$2,944,850	$4,104,500	$552,050	$2,228,100	$ 991,100	$ 166,900	$ 716,750
1982-1	$1,154,200	$112,650	$ 506,800	$ 933,050	$ 71,750	$ 384,850	$ 221,150	$ 40,900	$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	$3,604,400	$406,050	$1,497,750	$2,894,750	$296,150	$1,064,450	$ 709,650	$ 109,900	$ 433,300
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	336,050	139,850	7,550	178,000
Total	$1,845,050	$215,000	$1,696,150	$1,371,500	$171,900	$1,151,650	$ 473,550	$ 43,100	$ 544,500
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	$ 572,300	$ 50,700	$ 764,400	$ 401,800	$ 28,250	$ 499,200	$ 170,500	$ 22,450	$ 265,200
3	$ 568,850	$ 41,850	$ 800,200	$ 401,550	$ 24,300	$ 493,000	$ 167,300	$ 17,550	$ 307,200
4	$ 695,200	$ 60,150	$ 750,750	$ 505,050	$ 45,000	$ 510,850	$ 190,150	$ 15,150	$ 239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1P	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750

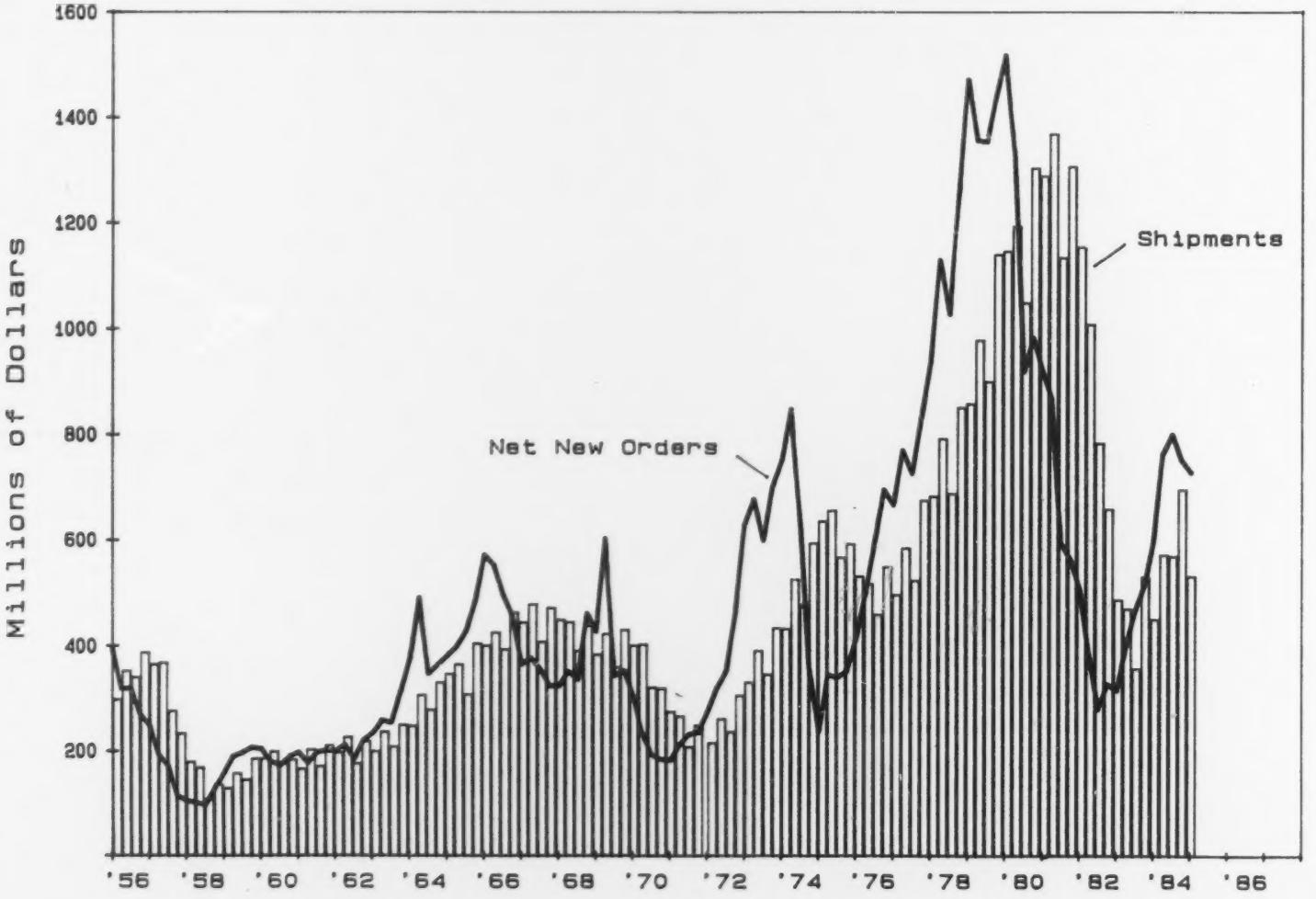
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1983, contact: NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

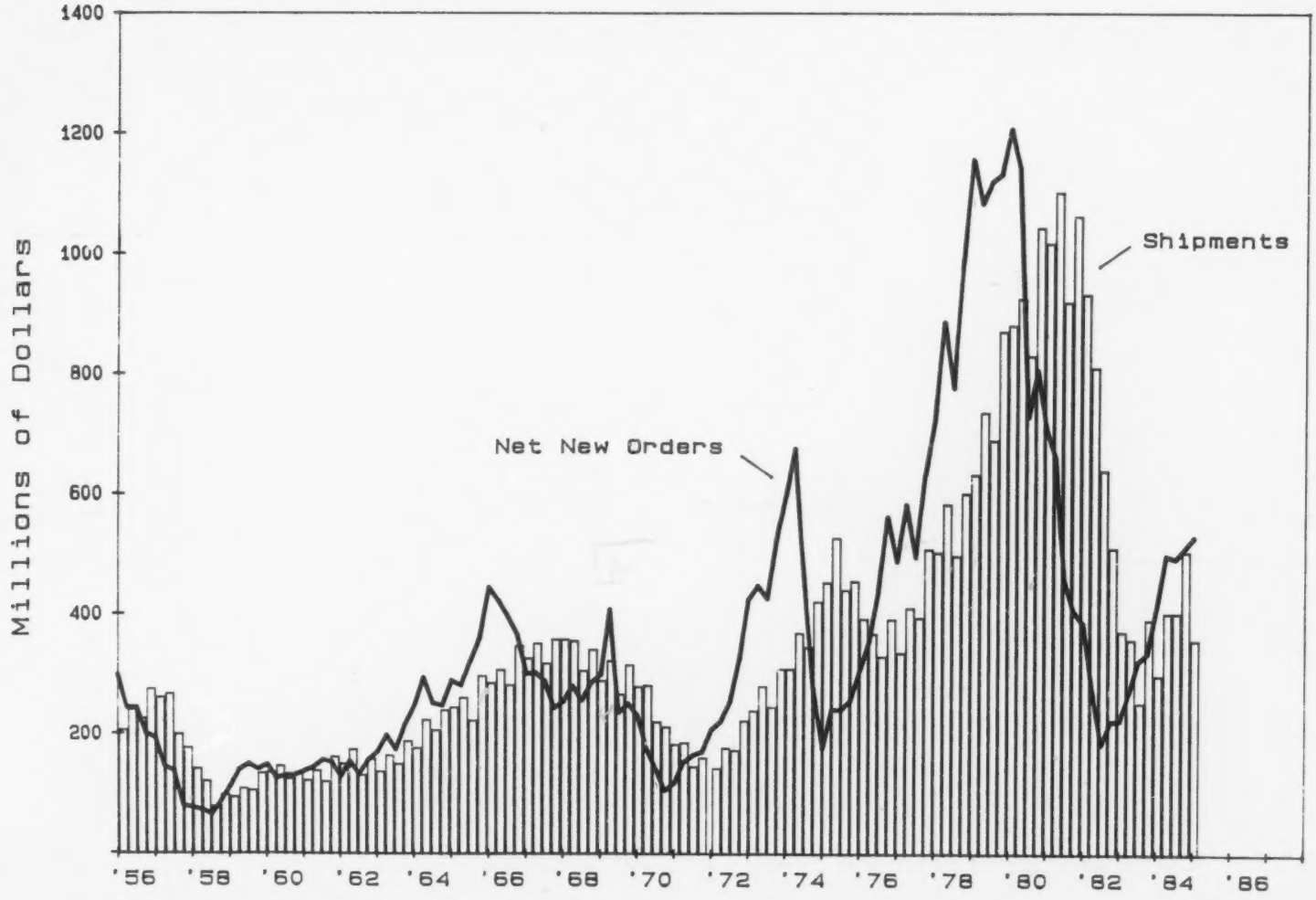
Source: National Machine Tool Builders' Association (670K)

April 29, 1985

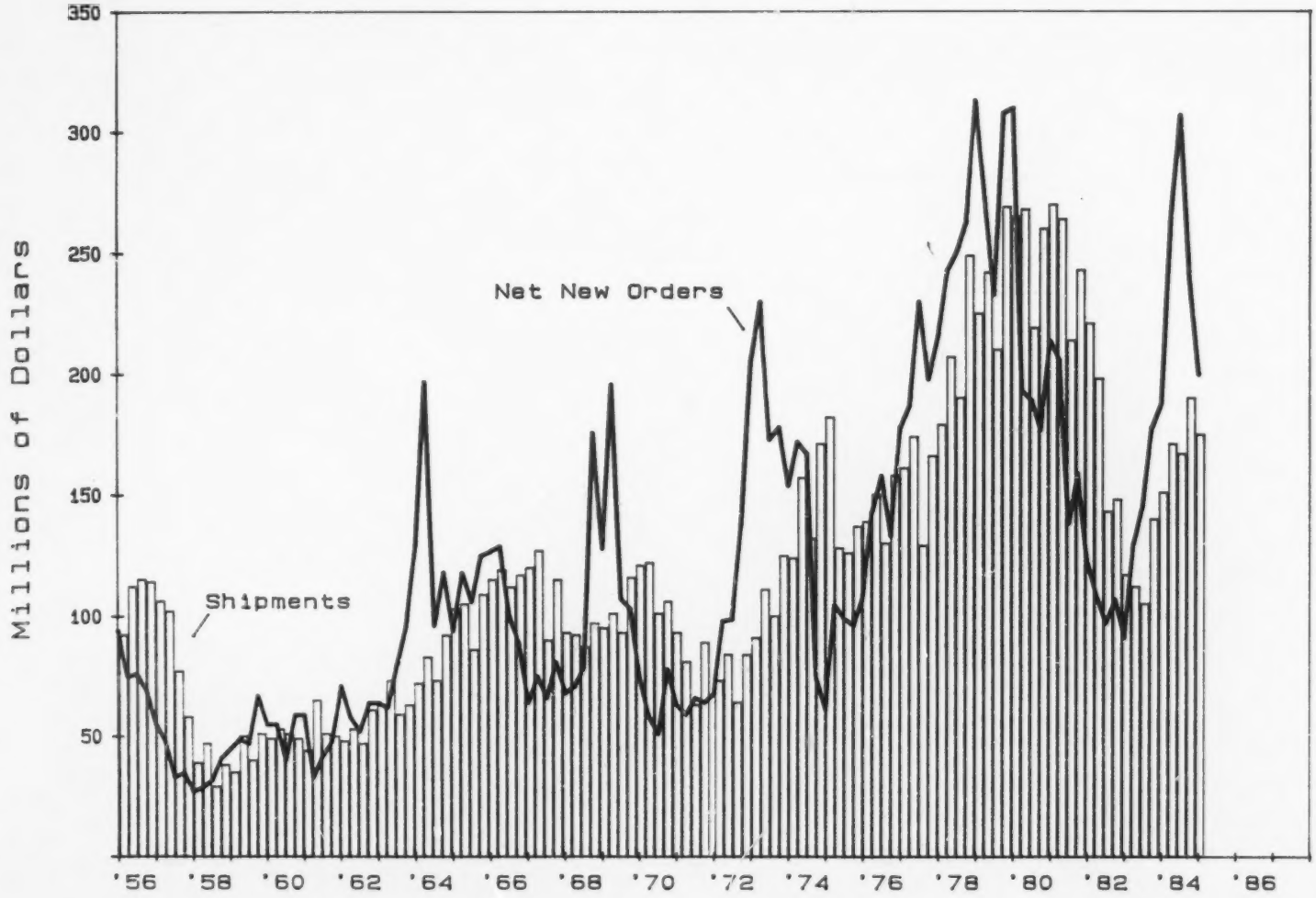
Total Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 1



Metal Cutting Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 1



Metal Forming Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 1



A8050-14

May 21, 1985

press release

FOR RELEASE A.M. MONDAY, May 27, 1985

MACHINE TOOL ORDERS AND SHIPMENTS DECLINE IN APRIL

Contact
Charles Pollock:

McLean, VA, May 27, 1985 -- Net new orders for American machine tools fell 34% in April from the previous month, totalling $183.50 million, while shipments were down 25% at $169.75 million. Data released today is from the National Machine Tool Builders' Association, the industry's trade group.

Regarding the monthly orders and shipments decline, Association president James A. Gray said that, "March was an unusually strong month, producing an end-of-quarter surge that was not repeated in April." However, Gray also said that he shares the concern expressed by other business and industry leaders regarding President Reagan's proposed tax plan. "We must not change our capital recovery laws,"

- more -

national machine tool builders association

Gray said. "Our current investment policies, together with the abatement of inflation, have stimulated productivity growth and lowered unemployment in the past several years. Yet presently popular proposals in Washington would eliminate the investment tax credit and reduce ACRS. Why 'kill the goose' by slowing capital recovery in the name of deficit reductions and tax simplification? There is nothing simple or fair about decreasing budget deficits in ways that increase unemployment, lower productivity and make American industry less competitive worldwide, particularly at a time when the United States is experiencing its worst trade deficits in history."

For the month of April, orders for metal cutting machine tools declined 46% to a level of $122.10 million, with shipments off 35% at $103.15 million. In the metal forming category, orders rose 17% to a total of $61.40 million, while shipments fell 3% to a level of $66.60 million.

Industry order backlogs increased slightly in April to $1.88 billion from $1.87 billion the previous month.

# # # # # # # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

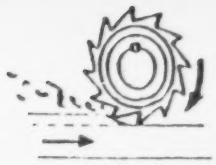
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
April 1985	112,850	9,250	122,100	57,300	4,100	61,400	170,150	13,350	183,500
March 1985	202,700	24,300	227,000	47,050	5,250	52,300	249,750	29,550	279,300
% Change									
Apr. 1985:Mar. 1985	-44.3	-61.9	-46.2	+21.8	-21.9	+17.4	-31.9	-54.8	-34.3
April 1984	135,700	44,100	179,800	65,900	7,400	73,300	201,600	51,500	253,100
% Change									
Apr. 1985:Apr. 1984	-16.8	-79.0	-32.1	-13.1	-44.6	-16.2	-15.6	-74.1	-27.5
Year To Date 1985	588,350	62,250	650,600	245,050	16,100	261,150	833,400	78,350	911,750
Year To Date 1984	511,800	80,750	592,550	241,700	19,300	261,000	753,500	100,050	853,550
% Change									
1985 : 1984	+15.0	-22.9	+9.8	+1.4	-16.6	+0.1	+10.6	-21.7	+6.8

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
April 1985	98,150	5,000	103,150	63,650	2,950	66,600	161,800	7,950	169,750
March 1985	140,350	18,650	159,000	64,200	4,450	68,650	204,550	23,100	227,650
% Change									
Apr. 1985:Mar. 1985	-30.1	-73.2	-35.1	-0.9	-33.7	-3.0	-20.9	-65.6	-25.4
April 1984	92,700	8,800	101,500	52,300	4,950	57,250	145,000	13,750	158,750
% Change									
Apr. 1985:Apr. 1984	+5.9	-43.2	+1.6	+21.7	-40.4	+16.3	+11.6	-42.2	+6.9
Year To Date 1985	418,050	42,150	460,200	226,500	14,750	241,250	644,550	56,900	701,450
Year To Date 1984	365,700	33,900	399,600	188,250	20,400	208,650	553,950	54,300	608,250
% Change									
1985 : 1984	+14.3	+24.3	+15.2	+20.3	-27.7	+15.6	+16.4	+4.8	+15.3

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

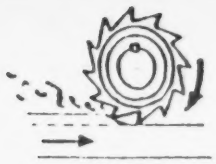
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
Mar.	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
Apr. (p)	$ 170,150,000	$ 13,350,000	$ 183,500,000	1,884.95	$ 161,800,000	$ 7,950,000	$ 169,750,000
4 Mos.	$ 833,400,000	$ 78,350,000	$ 911,750,000		$ 644,550,000	$ 56,900,000	$ 701,450,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,850,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
Mar.	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
Apr. (p)	$ 176,350,000	$ 14,950,000	$ 191,300,000	$ 6,200,000	$ 1,600,000	$ 7,800,000
4 Mos.	$ 881,900,000	$ 85,800,000	$ 967,700,000	$ 48,500,000	$ 7,450,000	$ 55,950,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb.	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
Mar.	$ 202,700,000	$ 24,300,000	$ 227,000,000	1,303.90	$ 140,350,000	$ 18,650,000	$ 159,000,000
Apr. (p)	$ 112,850,000	$ 9,250,000	$ 122,100,000	1,322.85	$ 98,150,000	$ 5,000,000	$ 103,150,000
4 Mos.	$ 588,350,000	$ 62,250,000	$ 650,600,000		$ 418,050,000	$ 42,150,000	$ 460,200,000

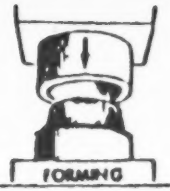
DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb.	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
Mar.	$ 212,600,000	$ 27,050,000	$ 239,650,000	$ 9,900,000	$ 2,750,000	$ 12,650,000
Apr. (p)	$ 117,000,000	$ 10,200,000	$ 127,200,000	$ 4,150,000	$ 950,000	$ 5,100,000
4 Mos.	$ 624,750,000	$ 67,700,000	$ 692,450,000	$ 36,400,000	$ 5,450,000	$ 41,850,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb.	$ 69,550,000	$ 4,200,000	$ 73,750,000	583.65	$ 52,700,000	$ 5,250,000	$ 57,950,000
Mar.	$ 47,050,000	$ 5,250,000	$ 52,300,000	567.30	$ 64,200,000	$ 4,450,000	$ 68,650,000
Apr. (p)	$ 57,300,000	$ 4,100,000	$ 61,400,000	562.10	$ 63,650,000	$ 2,950,000	$ 66,600,000
4 Mos.	$ 245,050,000	$ 16,100,000	$ 261,150,000		$ 226,500,000	$ 14,750,000	$ 241,250,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb.	$ 71,550,000	$ 4,250,000	$ 75,800,000	$ 2,000,000	$ 50,000	$ 2,050,000
Mar.	$ 53,500,000	$ 5,300,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
Apr. (p)	$ 59,350,000	$ 4,750,000	$ 64,100,000	$ 2,050,000	$ 650,000	$ 2,700,000
4 Mos.	$ 257,150,000	$ 18,100,000	$ 275,250,000	$ 12,100,000	$ 2,000,000	$ 14,100,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1A

June 14, 1985

press release

FOR RELEASE A.M. MONDAY, June 24, 1985

MACHINE TOOL ORDERS AND SHIPMENTS RISE

McLean, VA, June 24, 1985 -- Machine tool orders in May rose 22 percent from their April total. Shipments also rose, finishing the month five percent higher. These increases were paced by strong growth in the metal-cutting sector of the industry and offset by losses in the metal-forming machine tool sector.

The positive aspect of the month-to-month growth in orders and shipments was tempered, however, by a comparison with May 1984 data. Compared to last year, orders (at $223,150,000) were off 30 percent, while shipments (which totaled $177,650,000) were off 15 percent.

"These fluctuations in month-to-month data comparisons graphically illustrate the precariousness of drawing conclusions about

more

Contact:
Charles Pollock

national machine tool builders association
7901 WESTPARK DRIVE
McLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

the machine tool industry, based upon only a limited amount of information." concluded James A. Gray, president of the National Machine Tool Builders' Association. The association has gathered monthly orders and shipments data for more than a half century.

"Inspection of data for the first five months of 1984 shows that the first three months were very weak, while April and May were very strong. June 1984 was another weak month. Conversely, March 1985 showed a strong order surge that was offset by a compensatory decline in April." Gray said.

"The important comparison is, I believe, the total for the past several months." he stated. For the first five months of 1985, orders were off only three percent, while shipments scored a seven percent increase. "These shipment figures indicate that modest recovery is continuing for the American machine tool industry; while the order data may presage a leveling off of the current growth pattern during 1986." Gray said.

The industry's order backlog grew two percent during May to a total value of $1,930,450,000.

For the metal-cutting segment of the machine tool industry, May orders totaled $170,850,000, which is a 40 percent increase from April. Shipments totaled $118,950,000 during the month, 15 percent above the April shipment rate, but 21 percent below the May 1984 rate.

The metal-forming machine tool component of the industry did not fare as well. Orders, which totaled $52,300,000, were off 15 percent from the previous month and 60 percent from last year. Similarly, shipments were down 12 percent from April, to a value of $58,700,000, and were off 2 percent from 1984. Because May metal-forming machine tool shipments exceeded orders, the backlog declined in this portion of the industry.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

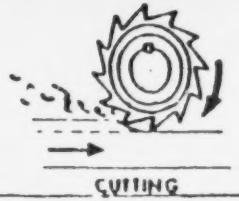
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
May 1985	157,350	13,500	170,850	46,800	5,500	52,300	204,150	19,000	223,150
April 1985	112,850	9,250	122,100	57,300	4,100	61,400	170,150	13,350	183,500
% Change									
May 1985:Apr. 1985	+39.4	+45.9	+39.9	-18.3	+34.1	-14.8	+20.0	+42.3	+21.6
May 1984	167,500	20,950	188,450	124,400	6,700	131,100	291,900	27,650	319,550
% Change									
May 1985: May 1984	-6.1	-35.6	-9.3	-62.4	-17.9	-60.1	-30.1	-31.3	-30.2
Year To Date 1985	745,700	75,750	821,450	291,850	21,600	313,450	1,037,550	97,350	1,134,900
Year To Date 1984	679,300	101,700	781,000	366,100	26,000	392,100	1,045,400	127,700	1,173,100
% Change									
1985 : 1984	+9.8	-25.5	+5.2	-20.3	-16.9	-20.1	-0.8	-23.8	-3.3

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
May 1985	110,000	8,950	118,950	54,050	4,650	58,700	164,050	13,600	177,650
April 1985	98,150	5,000	103,150	63,650	2,950	66,600	161,800	7,950	169,750
% Change									
May 1985:Apr. 1985	+12.1	+79.0	+15.3	-15.1	+57.6	-11.9	+1.4	+71.1	+4.7
May 1984	142,100	7,900	150,000	52,300	7,750	60,050	194,400	15,650	210,050
% Change									
May 1985: May 1984	-22.6	+13.3	-20.7	+3.3	-40.0	-2.2	-15.6	-13.1	-15.4
Year To Date 1985	528,050	51,100	579,150	280,550	19,400	299,950	808,600	70,500	879,100
Year To Date 1984	507,800	41,800	549,600	240,550	28,150	268,700	748,350	69,950	818,300
% Change									
1985 : 1984	+4.0	+22.2	+5.4	+16.6	-31.1	+11.6	+8.1	+0.8	+7.4

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

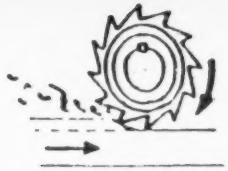
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
Mar.	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
Apr.	$ 170,150,000	$ 13,350,000	$ 183,500,000	1,884.95	$ 161,800,000	$ 7,950,000	$ 169,750,000
May (p)	$ 204,150,000	$ 19,000,000	$ 223,150,000	1,930.45	$ 164,050,000	$ 13,600,000	$ 177,650,000
5 Mos.	$1,037,550,000	$ 97,350,000	$1,134,900,000		$ 808,600,000	$ 70,500,000	$ 879,100,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,850,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
Mar.	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
Apr.	$ 176,350,000	$ 14,950,000	$ 191,300,000	$ 6,200,000	$ 1,600,000	$ 7,800,000
May (p)	$ 217,100,000	$ 19,100,000	$ 236,200,000	$ 12,950,000	$ 100,000	$ 13,050,000
5 Mos.	$1,099,000,000	$ 104,900,000	$1,203,900,000	$ 61,450,000	$ 7,550,000	$ 69,000,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb.	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
Mar.	$ 202,700,000	$ 24,300,000	$ 227,000,000	1,303.90	$ 140,350,000	$ 18,650,000	$ 159,000,000
Apr.	$ 112,850,000	$ 9,250,000	$ 122,100,000	1,322.85	$ 98,150,000	$ 5,000,000	$ 103,150,000
May (p)	$ 157,350,000	$ 13,500,000	$ 170,850,000	1,374.75	$ 110,000,000	$ 8,950,000	$ 118,950,000
5 Mos.	$ 745,700,000	$ 75,750,000	$ 821,450,000		$ 528,050,000	$ 51,100,000	$ 579,150,000

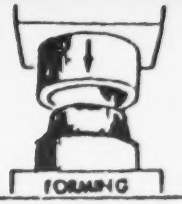
DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb.	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
Mar.	$ 212,600,000	$ 27,050,000	$ 239,650,000	$ 9,900,000	$ 2,750,000	$ 12,650,000
Apr.	$ 117,000,000	$ 10,200,000	$ 127,200,000	$ 4,150,000	$ 950,000	$ 5,100,000
May (p)	$ 163,850,000	$ 13,550,000	$ 177,400,000	$ 6,500,000	$ 50,000	$ 6,550,000
5 Mos.	$ 788,600,000	$ 81,250,000	$ 869,850,000	$ 42,900,000	$ 5,500,000	$ 48,400,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb.	$ 69,550,000	$ 4,200,000	$ 73,750,000	583.65	$ 52,700,000	$ 5,250,000	$ 57,950,000
Mar.	$ 47,050,000	$ 5,250,000	$ 52,300,000	567.30	$ 64,200,000	$ 4,450,000	$ 68,650,000
Apr.	$ 57,300,000	$ 4,100,000	$ 61,400,000	562.10	$ 63,650,000	$ 2,950,000	$ 66,600,000
May (p)	$ 46,800,000	$ 5,500,000	$ 52,300,000	555.70	$ 54,050,000	$ 4,650,000	$ 58,700,000
5 Mos.	$ 291,850,000	$ 21,600,000	$ 313,450,000		$ 280,550,000	$ 19,400,000	$ 299,950,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb.	$ 71,550,000	$ 4,250,000	$ 75,800,000	$ 2,000,000	$ 50,000	$ 2,050,000
Mar.	$ 53,500,000	$ 5,300,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
Apr.	$ 59,350,000	$ 4,750,000	$ 64,100,000	$ 2,050,000	$ 650,000	$ 2,700,000
May (p)	$ 53,250,000	$ 5,550,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
5 Mos.	$ 310,400,000	$ 23,650,000	$ 334,050,000	$ 18,550,000	$ 2,050,000	$ 20,600,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1A

July 23, 1985

press release

Contact:

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national machine tool builders association

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FOR RELEASE A.M. MONDAY, July 29, 1985

MACHINE TOOL ACTIVITY
UP DURING FIRST SIX MONTHS OF 1985

McLean, VA, July 29, 1985 -- U.S. machine tool shipments rose 9% in the first half of 1985, to $1.1 billion compared to $1.0 billion in the first six months of 1984, according to data released today by the National Machine Tool Builders' Association. Shipments for metal forming machines during the six months rose 16% to $374.6 million, while shipments for metal cutting machines went up 6% to $741.7 million.

Machine tool orders held steady during the first six months of 1985, rising less than 1% to $1.4 billion over the same period in 1984. Metal forming orders fell 19% to $365.2 million, but metal cutting machine orders were up 10% over 1984 to $1.0 billion. The unusually large value of metal cutting machine tool cancellations was not wide spread; rather it was the result of the termination of a few projects.

In June, 1985, machine tool shipments rose 34% over May, to $237.6 million. This included a 37% rise in metal cutting tool

-more-

shipments to $162.7 million, and a 28% rise in metal forming machines to $74.9 million.

The monthly comparison for machine tool orders showed a 6% rise in June from May, to $235 million, including a leveling in metal forming orders at $52.1 million, and a 7% increase in metal cutting orders, to $183 million.

"Shipment increases in June were encouraging but that's normal at the end of a quarter," said Association president James A. Gray. "However, if annualized, the $1.1 billion shipment figure pales in comparison to past performance. After nearly two years of recovery, today's level of industry activity, adjusted for inflation, has climbed to a level approximately equal to the troughs of previous recessions. This comparison indicates that the machine tool industry has a long way to go before recovering completely.

"What gives us particular grounds for concern is that the Administration and Congress are seriously considering gutting those investment provisions of the tax code that have helped generate our comeback, as modest as it has been.

"Now, with many industries only half recovered, Congress and the Administration want to dramatically increase depreciation lives without any recognition of the explosive technological development and rapid obsolescence of modern machine tools. The result will be a stagnation of America's improving industrial competitiveness, a slowing of the capital goods industries' already lagging recovery, and a lowering of the rate of job creation in the U.S.

"It seems that some in the federal government fail to understand that without a healthy machine tool industry, no other American industry can survive. We build the tools that build the nation."

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

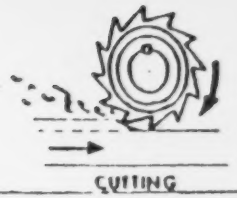
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
June 1985	160,050	22,900	182,950	48,250	3,800	52,050	208,300	26,700	235,000
May 1985	157,350	13,400	170,750	46,450	5,500	51,950	203,800	18,900	222,700
% Change									
June 1985:May 1985	+1.7	+70.9	+7.1	+3.9	-30.9	+0.2	+2.2	+41.3	+5.5
June 1984	107,550	23,400	130,950	53,600	7,200	60,800	161,150	30,600	191,750
% Change									
June 1985:June 1984	+48.8	-2.1	+39.7	-10.0	-47.2	-14.4	+29.3	-12.7	+22.6
Year To Date 1985	905,750	98,550	1,004,300	339,750	25,400	365,150	1,245,500	123,950	1,369,450
Year To Date 1984	786,850	125,100	911,950	419,700	33,200	452,900	1,206,550	158,300	1,364,850
% Change									
1985 : 1984	+15.1	-21.2	+10.1	-19.0	-23.5	-19.4	+3.2	-21.7	+0.3

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
June 1985	149,050	13,600	162,650	72,250	2,650	74,900	221,300	16,250	237,550
May 1985	110,000	8,850	118,850	53,800	4,650	58,450	163,800	13,500	177,300
% Change									
June 1985:May 1985	+35.5	+53.7	+36.9	+34.3	-43.0	+28.1	+35.1	+20.4	+34.0
June 1984	138,750	11,550	150,300	43,450	9,750	53,200	182,200	21,300	203,500
% Change									
June 1985:June 1984	+7.4	+17.7	+8.2	+66.3	-72.8	+40.8	+21.5	-23.7	+16.7
Year To Date 1985	677,100	64,600	741,700	352,550	22,050	374,600	1,029,650	86,650	1,116,300
Year To Date 1984	646,550	53,350	699,900	284,000	37,900	321,900	930,550	91,250	1,021,800
% Change									
1985 : 1984	+4.7	+21.1	+6.0	+24.1	-41.8	+16.4	+10.6	-5.0	+9.2

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

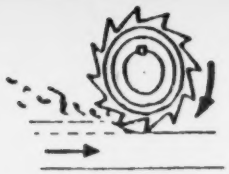
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
Mar.	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
Apr.	$ 170,150,000	$ 13,350,000	$ 183,500,000	1,884.95	$ 161,800,000	$ 7,950,000	$ 169,750,000
May	$ 203,800,000	$ 18,900,000	$ 222,700,000	1,930.35	$ 163,800,000	$ 13,500,000	$ 177,300,000
June (p)	$ 208,300,000	$ 26,700,000	$ 235,000,000	1,927.80	$ 221,300,000	$ 16,250,000	$ 237,550,000
6 Mos.	$1,245,500,000	$ 123,950,000	$1,369,450,000		$1,029,650,000	$ 86,650,000	$1,116,300,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,850,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
Mar.	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
Apr.	$ 176,350,000	$ 14,950,000	$ 191,300,000	$ 6,200,000	$ 1,600,000	$ 7,800,000
May	$ 216,650,000	$ 19,250,000	$ 235,900,000	$ 12,850,000	$ 350,000	$ 13,200,000
June (p)	$ 237,100,000	$ 27,900,000	$ 265,000,000	$ 28,800,000	$ 1,200,000	$ 30,000,000
6 Mos.	$1,335,650,000	$ 132,950,000	$1,468,600,000	$ 90,150,000	$ 9,000,000	$ 99,150,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb.	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
Mar.	$ 202,700,000	$ 24,300,000	$ 227,000,000	1,303.90	$ 140,350,000	$ 18,650,000	$ 159,000,000
Apr.	$ 112,850,000	$ 9,250,000	$ 122,100,000	1,322.85	$ 98,150,000	$ 5,000,000	$ 103,150,000
May	$ 157,350,000	$ 13,400,000	$ 170,750,000	1,374.75	$ 110,000,000	$ 8,850,000	$ 118,850,000
June (p)	$ 160,050,000	$ 22,900,000	$ 182,950,000	1,395.05	$ 149,050,000	$ 13,600,000	$ 162,650,000
6 Mos.	$ 905,750,000	$ 98,550,000	$1,004,300,000		$ 677,100,000	$ 64,600,000	$ 741,700,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb.	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
Mar.	$ 212,600,000	$ 27,050,000	$ 239,650,000	$ 9,900,000	$ 2,750,000	$ 12,650,000
Apr.	$ 117,000,000	$ 10,200,000	$ 127,200,000	$ 4,150,000	$ 950,000	$ 5,100,000
May	$ 163,800,000	$ 13,700,000	$ 177,500,000	$ 6,450,000	$ 300,000	$ 6,750,000
June (p)	$ 187,150,000	$ 24,050,000	$ 211,200,000	$ 27,100,000	$ 1,150,000	$ 28,250,000
6 Mos.	$ 975,700,000	$ 105,450,000	$1,081,150,000	$ 69,950,000	$ 6,900,000	$ 76,850,000

P - Preliminary

N.M.T.B.A. F - 1c

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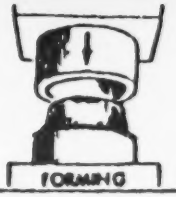


INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb.	$ 69,550,000	$ 4,200,000	$ 73,750,000	583.65	$ 52,700,000	$ 5,250,000	$ 57,950,000
Mar.	$ 47,050,000	$ 5,250,000	$ 52,300,000	567.30	$ 64,200,000	$ 4,450,000	$ 68,650,000
Apr.	$ 57,300,000	$ 4,100,000	$ 61,400,000	562.10	$ 63,650,000	$ 2,950,000	$ 66,600,000
May	$ 46,450,000	$ 5,500,000	$ 51,950,000	555.60	$ 53,800,000	$ 4,650,000	$ 58,450,000
June (p)	$ 48,250,000	$ 3,800,000	$ 52,050,000	532.75	$ 72,250,000	$ 2,650,000	$ 74,900,000
6 Mos.	$ 339,750,000	$ 25,400,000	$ 365,150,000		$ 352,550,000	$ 22,050,000	$ 374,600,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb.	$ 71,550,000	$ 4,250,000	$ 75,800,000	$ 2,000,000	$ 50,000	$ 2,050,000
Mar.	$ 53,500,000	$ 5,300,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
Apr.	$ 59,350,000	$ 4,750,000	$ 64,100,000	$ 2,050,000	$ 650,000	$ 2,700,000
May	$ 52,850,000	$ 5,550,000	$ 58,400,000	$ 6,400,000	$ 50,000	$ 6,450,000
June (p)	$ 49,950,000	$ 3,850,000	$ 53,800,000	$ 1,700,000	$ 50,000	$ 1,750,000
6 Mos.	$ 359,950,000	$ 27,500,000	$ 387,450,000	$ 20,200,000	$ 2,100,000	$ 22,300,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1980 TO DATE

	CUTTING AND FORMING			CUTTING			FORMING		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1980-1	$1,146,150	$115,700	$1,517,450	$ 881,400	$ 86,750	$1,207,800	$ 264,750	$ 28,950	$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	$4,691,750	$607,500	$4,754,300	$3,680,800	$474,800	$3,884,750	$1,010,950	$ 132,700	$ 869,550
1981-1	$1,288,200	$210,800	$ 920,350	$1,017,850	$155,600	$ 706,600	$ 270,350	$ 55,200	$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	$5,095,600	$718,950	$2,944,850	$4,104,500	$552,050	$2,228,100	$ 991,100	$ 166,900	$ 716,750
1982-1	$1,154,200	$112,650	$ 506,800	$ 933,050	$ 71,750	$ 384,850	$ 221,150	$ 40,900	$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	$3,604,400	$406,050	$1,497,750	$2,894,750	$296,150	$1,064,450	$ 709,650	$ 109,900	$ 433,300
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	336,050	139,850	7,550	178,000
Total	$1,845,050	$215,000	$1,696,150	$1,371,500	$171,900	$1,151,650	$ 473,550	$ 43,100	$ 544,500
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	$ 572,300	$ 50,700	$ 764,400	$ 401,800	$ 28,250	$ 499,200	$ 170,500	$ 22,450	$ 265,200
3	$ 568,850	$ 41,850	$ 800,200	$ 401,550	$ 24,300	$ 493,000	$ 167,300	$ 17,550	$ 307,200
4	$ 695,200	$ 60,150	$ 750,750	$ 505,050	$ 45,000	$ 510,850	$ 190,150	$ 15,150	$ 239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2P	$ 584,600	$ 37,700	$ 641,200	$ 384,650	$ 27,450	$ 475,800	$ 199,950	$ 10,250	$ 165,400
Total	$1,116,300	$ 86,650	$1,369,450	$ 741,700	$ 64,600	$1,004,300	$ 374,600	$ 22,050	$ 365,150

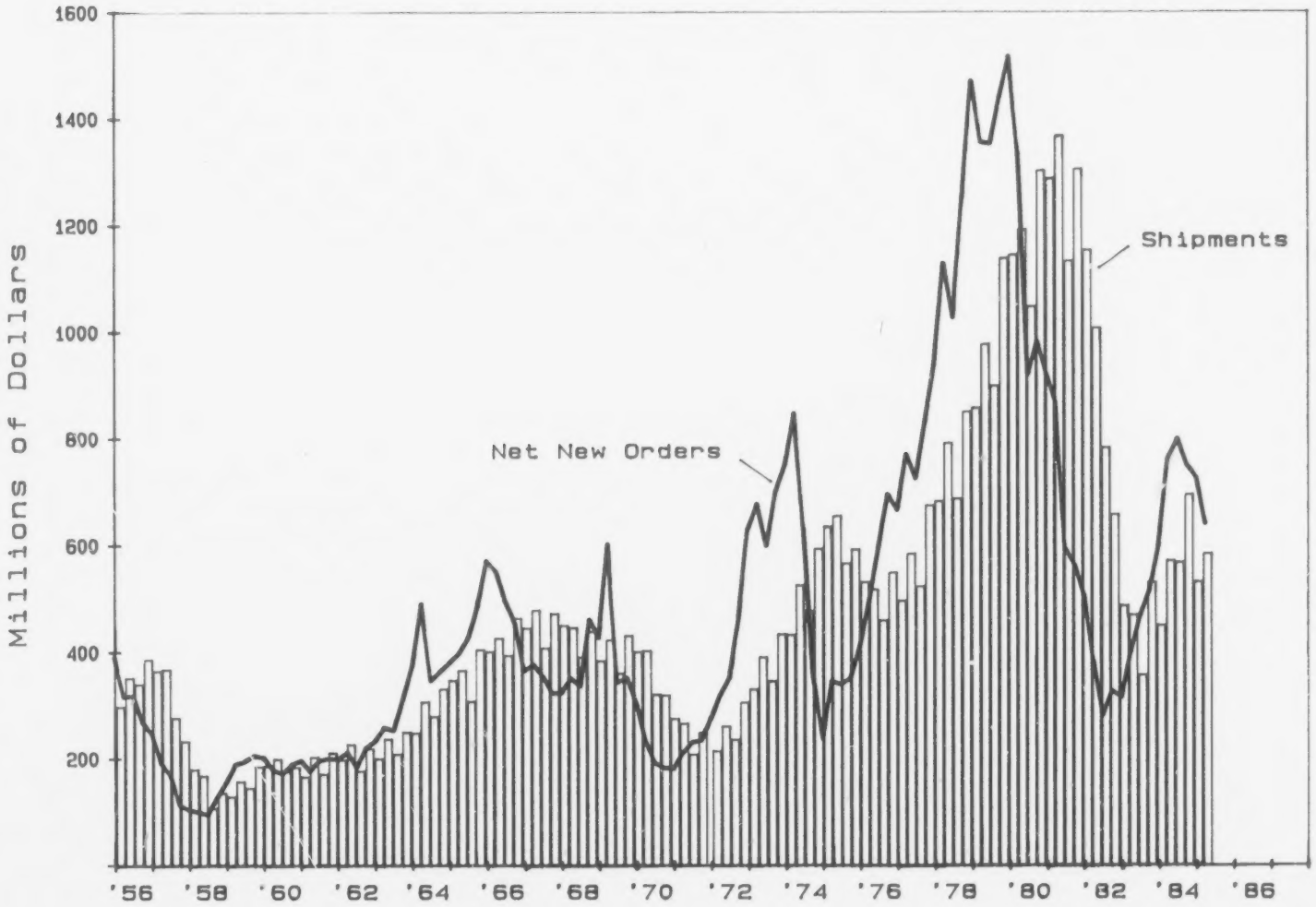
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1984, contact:
NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

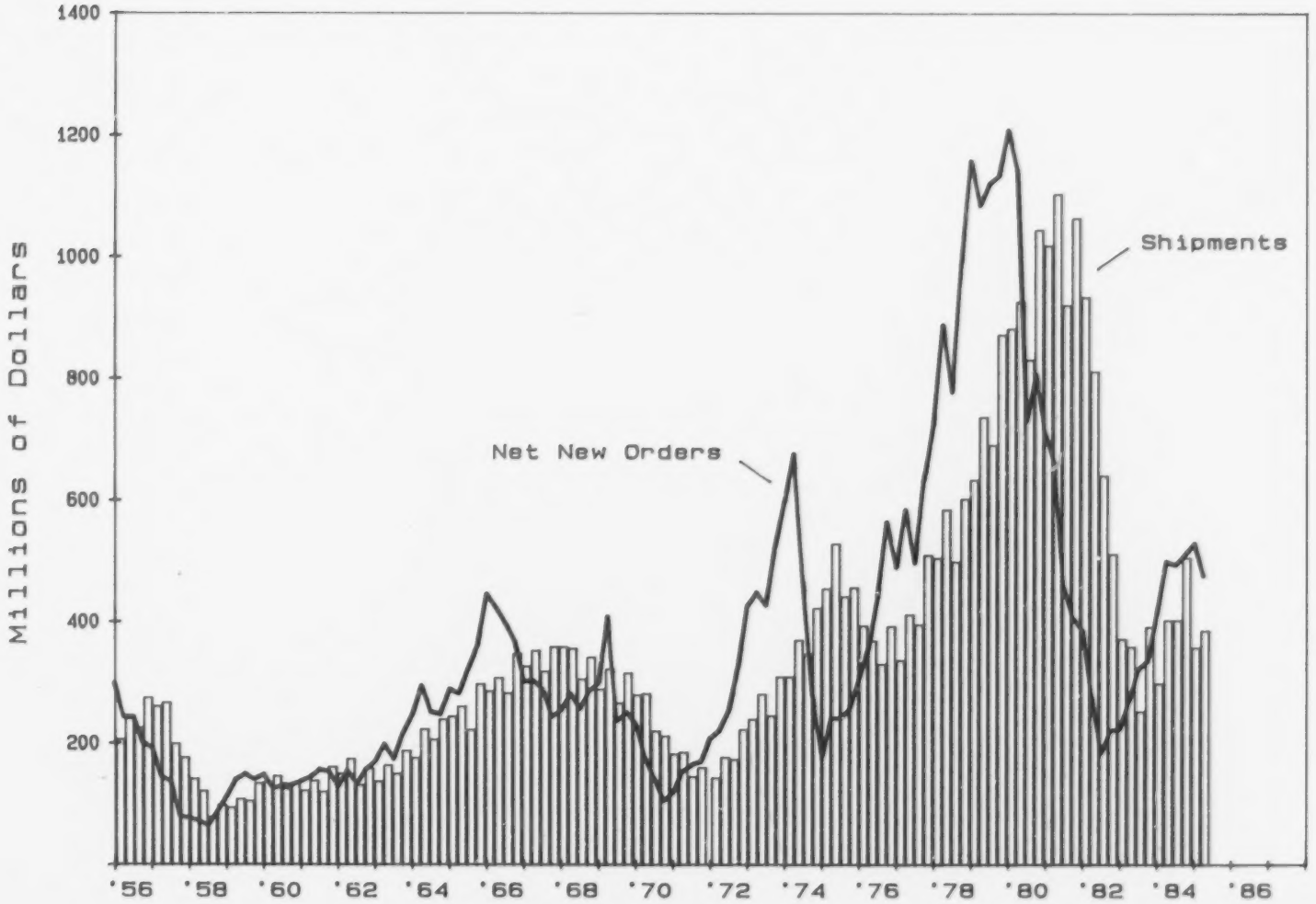
Source: National Machine Tool Builders' Association

July 29, 1985

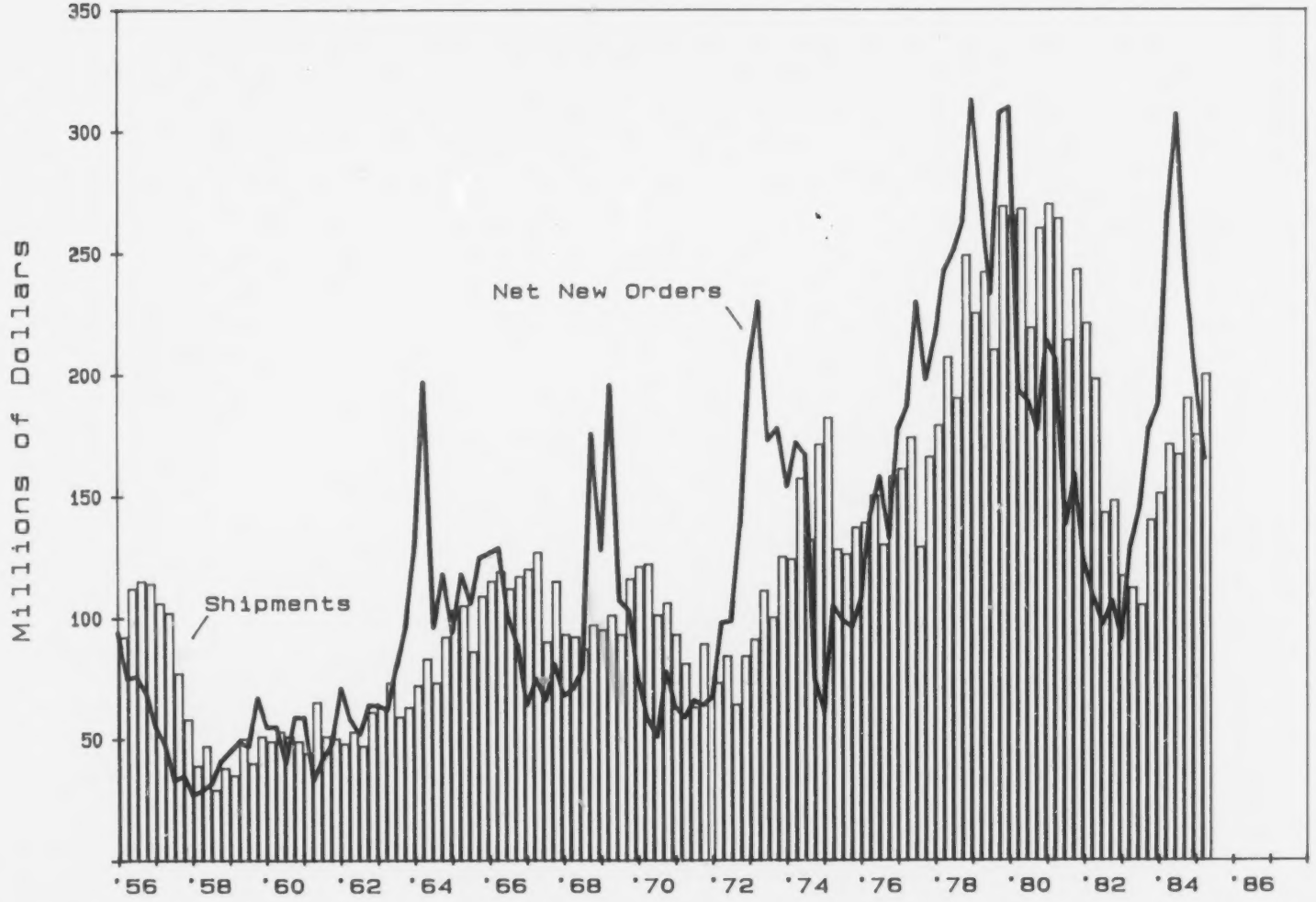
Total Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 2



Metal Cutting Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 2



Metal Forming Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 2



A8050-1A

News Release

Contact: Charles Pollock
Michael Codel
FOR RELEASE: August 26, 1985

MACHINE TOOL ORDERS FOR JULY DOWN 15%

The National Machine Tool Builders' Association reported today that July orders for new machine tools totalled just over $200 million, down 14.6% from June and 35.9% from July, 1984. Cumulative orders for the first seven months of 1985 totalled $1.57 billion, down 6.4% from the same period in 1984.

"While we hope that the second half of 1985 will show some pick up in industry activity, it looks like buying plans have been put on hold for now," commented James A. Gray, Association president. "I'm not too concerned about the decline in shipments," continued Gray, "because most builders traditionally shut down for vacations in July or August."

Orders for metal cutting machine tools, at $150.95 million, fell 17.4% in July, while July shipments of $121.85 million were off 25.2% from June.

Metal forming orders, totalling $50 million for July, were 4.5% below their June level. Metal forming orders were off 71.8%, compared to last year's exceptionally strong July. Shipments of metal forming machine tools, at $67.75 million for the month, were 10.9% below the June total.

Machine tool order backlogs increased in July to $1.94 billion.

# # #

NMTBA sponsors the INTERNATIONAL MACHINE TOOL SHOW IMTS The world of manufacturing technology

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

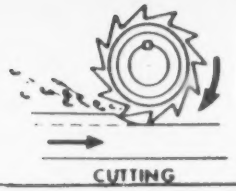
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
July 1985	115,950	35,000	150,950	43,050	6,950	50,000	159,000	41,950	200,950
June 1985	159,950	22,900	182,850	48,550	3,800	52,350	208,500	26,700	235,200
% Change									
July 1985:June 1985	-27.5	+52.8	-17.4	-11.3	+82.9	-4.5	-23.7	+57.1	-14.6
July 1984	126,050	9,800	135,850	173,550	4,000	177,550	299,600	13,800	313,400
% Change									
July 1985:July 1984	-8.0	+257.1	+11.1	-75.2	+73.8	-71.8	-46.9	+204.0	-35.9
Year To Date 1985	1,021,600	133,550	1,155,150	383,100	32,350	415,450	1,404,700	165,900	1,570,600
Year To Date 1984	912,900	134,900	1,047,800	593,250	37,200	630,450	1,506,150	172,100	1,678,250
% Change									
1985 : 1984	+11.9	-1.0	+10.2	-35.4	-13.0	-34.1	-6.7	-3.6	-6.4

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

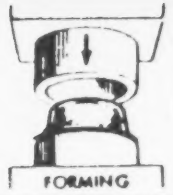
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
July 1985	108,100	13,750	121,850	61,250	6,500	67,750	169,350	20,250	189,600
June 1985	149,400	13,600	163,000	73,350	2,650	76,000	222,750	16,250	239,000
% Change									
July 1985:June 1985	-27.6	+1.1	-25.2	-16.5	+145.3	-10.9	-24.0	+24.6	-20.7
July 1984	127,500	5,750	133,250	54,500	6,000	60,500	182,000	11,750	193,750
% Change									
July 1985:July 1984	-15.2	+139.1	-8.6	+12.4	+8.3	+12.0	-7.0	+72.3	-2.1
Year To Date 1985	785,550	78,350	863,900	414,900	28,550	443,450	1,200,450	106,900	1,307,350
Year To Date 1984	774,050	59,100	833,150	338,500	43,900	382,400	1,112,550	103,000	1,215,550
% Change									
1985 : 1984	+1.5	+32.6	+3.7	+22.6	-35.0	+16.0	+7.9	+3.8	+7.6

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



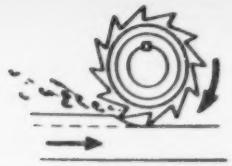
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
Mar.	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
Apr.	$ 170,150,000	$ 13,350,000	$ 183,500,000	1,884.95	$ 161,800,000	$ 7,950,000	$ 169,750,000
May	$ 203,800,000	$ 18,900,000	$ 222,700,000	1,930.35	$ 163,800,000	$ 13,500,000	$ 177,300,000
June	$ 208,500,000	$ 26,700,000	$ 235,200,000	1,926.55	$ 222,750,000	$ 16,250,000	$ 239,000,000
July (p)	$ 159,000,000	$ 41,950,000	$ 200,950,000	1,937.90	$ 169,350,000	$ 20,250,000	$ 189,600,000
7 Mos.	$1,404,700,000	$ 165,900,000	$1,570,600,000		$1,200,450,000	$ 106,900,000	$1,307,350,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,850,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
Mar.	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
Apr.	$ 176,350,000	$ 14,950,000	$ 191,300,000	$ 6,200,000	$ 1,600,000	$ 7,800,000
May	$ 216,650,000	$ 19,250,000	$ 235,900,000	$ 12,850,000	$ 350,000	$ 13,200,000
June	$ 237,300,000	$ 27,900,000	$ 265,200,000	$ 28,800,000	$ 1,200,000	$ 30,000,000
July (p)	$ 168,300,000	$ 42,200,000	$ 210,500,000	$ 9,300,000	$ 250,000	$ 9,550,000
7 Mos.	$1,504,150,000	$ 175,150,000	$1,679,300,000	$ 99,450,000	$ 9,250,000	$ 108,700,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

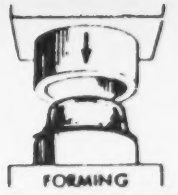
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb.	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
Mar.	$ 202,700,000	$ 24,300,000	$ 227,000,000	1,303.90	$ 140,350,000	$ 18,650,000	$ 159,000,000
Apr.	$ 112,850,000	$ 9,250,000	$ 122,100,000	1,322.85	$ 98,150,000	$ 5,000,000	$ 103,150,000
May	$ 157,350,000	$ 13,400,000	$ 170,750,000	1,374.75	$ 110,000,000	$ 8,850,000	$ 118,850,000
June	$ 159,950,000	$ 22,900,000	$ 182,850,000	1,394.60	$ 149,400,000	$ 13,600,000	$ 163,000,000
July (p)	$ 115,950,000	$ 35,000,000	$ 150,950,000	1,423.70	$ 108,100,000	$ 13,750,000	$ 121,850,000
7 Mos.	$1,021,600,000	$ 133,550,000	$1,155,150,000		$ 785,550,000	$ 78,350,000	$ 863,900,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb.	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
Mar.	$ 212,600,000	$ 27,050,000	$ 239,650,000	$ 9,900,000	$ 2,750,000	$ 12,650,000
Apr.	$ 117,000,000	$ 10,200,000	$ 127,200,000	$ 4,150,000	$ 950,000	$ 5,100,000
May	$ 163,800,000	$ 13,700,000	$ 177,500,000	$ 6,450,000	$ 300,000	$ 6,750,000
June	$ 187,050,000	$ 24,050,000	$ 211,100,000	$ 27,100,000	$ 1,150,000	$ 28,250,000
July (p)	$ 122,700,000	$ 35,200,000	$ 157,900,000	$ 6,750,000	$ 200,000	$ 6,950,000
7 Mos.	$1,098,300,000	$ 140,650,000	$1,238,950,000	$ 76,700,000	$ 7,100,000	$ 83,800,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb.	$ 69,550,000	$ 4,200,000	$ 73,750,000	583.65	$ 52,700,000	$ 5,250,000	$ 57,950,000
Mar.	$ 47,050,000	$ 5,250,000	$ 52,300,000	567.30	$ 64,200,000	$ 4,450,000	$ 68,650,000
Apr.	$ 57,300,000	$ 4,100,000	$ 61,400,000	562.10	$ 63,650,000	$ 2,950,000	$ 66,600,000
May	$ 46,450,000	$ 5,500,000	$ 51,950,000	555.60	$ 53,800,000	$ 4,650,000	$ 58,450,000
June	$ 48,550,000	$ 3,800,000	$ 52,350,000	531.95	$ 73,350,000	$ 2,650,000	$ 76,000,000
July (p)	$ 43,050,000	$ 6,950,000	$ 50,000,000	514.20	$ 61,250,000	$ 6,500,000	$ 67,750,000
7 Mos.	$ 383,100,000	$ 32,350,000	$ 415,450,000		$ 414,900,000	$ 28,550,000	$ 443,450,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb.	$ 71,550,000	$ 4,250,000	$ 75,800,000	$ 2,000,000	$ 50,000	$ 2,050,000
Mar.	$ 53,500,000	$ 5,300,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
Apr.	$ 59,350,000	$ 4,750,000	$ 64,100,000	$ 2,050,000	$ 650,000	$ 2,700,000
May	$ 52,850,000	$ 5,550,000	$ 58,400,000	$ 6,400,000	$ 50,000	$ 6,450,000
June	$ 50,250,000	$ 3,850,000	$ 54,100,000	$ 1,700,000	$ 50,000	$ 1,750,000
July (p)	$ 45,600,000	$ 7,000,000	$ 52,600,000	$ 2,550,000	$ 50,000	$ 2,600,000
7 Mos.	$ 405,850,000	$ 34,500,000	$ 440,350,000	$ 22,750,000	$ 2,150,000	$ 24,900,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

9/30/85
A8050-1A

News Release

Contact: Charles Pollock
Michael Codel
FOR RELEASE: September 30, 1985

MACHINE TOOL SHIPMENTS FOR AUGUST UP 11%

The National Machine Tool Builders' Association reported today that August shipments of machine tools were $215.9 million for the month, up 10.8% from the July total. This was a 31.4% improvement over the same month last year. Cumulative shipments for the first eight months of 1985 totaled $1.5 billion, also up by 10.8% from the similar period in 1984.

Shipments of metal cutting machine tools stood at $143.1 million in August, up 14.4% from July, up 22.3% from August, 1984, and up 6.3% for year-to-date. Shipments of metal forming machine tools were $72.9 million, up 4.4% from July, up 53.7% from August, 1984, and up 20.6% year-to-date.

"The traditional summer order doldrums, during periods of modest growth in the general economy, are always suspenseful for the machine tool industry. Fortunately, recent improvements in the economic indicators that most directly affect manufacturing, provide us some cause for optimism about orders throughout the latter months of 1985. As American manufacturers activate plans to modernize, lower costs, and improve their competitiveness, the outlook for machine tool sales becomes brighter," commented James A. Gray, President of the Association.

NMTBA sponsors the INTERNATIONAL MACHINE TOOL SHOW IMTS The world of manufacturing technology

Orders for new machine tools totaled almost $184 million, down 8% from July and 8.3% from August, 1984. Cumulative orders for the first eight months of 1985 totaled $1.75 billion, down 6.7% from the same period in 1984.

Orders for metal cutting machine tools, at $130.2 million in August, fell 13.1% from July, were off 3.6% from August, 1984, but up 8.6% for the first eight months of this year. Metal forming machine tool orders, totaling $53.7 million for August, were up 7.4% from July, but down 18.1% compared to August, 1984, and off 32.6% year-to-date.

Machine tool order backlogs decreased in August to $1.9 billion.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

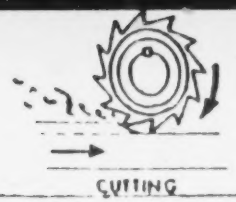
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
August 1985	115,700	14,500	130,200	46,900	6,800	53,700	162,600	21,300	183,900
July 1985	114,850	35,000	149,850	43,050	6,950	50,000	157,900	41,950	199,850
% Change									
Aug. 1985:July 1985	+0.7	-58.6	-13.1	+8.9	-2.2	+7.4	+3.0	-49.2	-8.0
August 1984	118,250	16,750	135,000	62,000	3,600	65,600	180,250	20,350	200,600
% Change									
Aug. 1985:Aug. 1984	-2.2	-13.4	-3.6	-24.4	+88.9	-18.1	-9.8	+4.7	-8.3
Year To Date 1985	1,136,200	148,050	1,284,250	430,000	39,150	469,150	1,566,200	187,200	1,753,400
Year To Date 1984	1,031,150	151,650	1,182,800	655,250	40,800	696,050	1,686,400	192,450	1,878,850
% Change									
1985 : 1984	+10.2	-2.4	+8.6	-34.4	-4.0	-32.6	-7.1	-2.7	-6.7

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
August 1985	137,200	5,850	143,050	63,850	9,000	72,850	201,050	14,850	215,900
July 1985	111,300	13,750	125,050	63,250	6,500	69,750	174,550	20,250	194,800
% Change									
Aug. 1985:July 1985	+23.3	-57.5	+14.4	+0.9	+38.5	+4.4	+15.2	-26.7	+10.8
August 1984	111,050	5,900	116,950	44,100	3,300	47,400	155,150	9,200	164,350
% Change									
Aug. 1985:Aug. 1984	+23.5	-0.8	+22.3	+44.8	+172.7	+53.7	+29.6	+61.4	+31.4
Year To Date 1985	925,950	84,200	1,010,150	480,750	37,550	518,300	1,406,700	121,750	1,528,450
Year To Date 1984	885,100	65,000	950,100	382,600	47,200	429,800	1,267,700	112,200	1,379,900
% Change									
1985 : 1984	+4.6	+29.5	+6.3	+25.7	-20.4	+20.6	+11.0	+8.5	+10.8

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

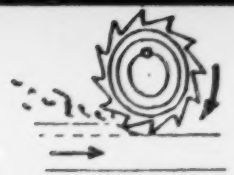
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
Mar.	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
Apr.	$ 170,150,000	$ 13,350,000	$ 183,500,000	1,884.95	$ 161,800,000	$ 7,950,000	$ 169,750,000
May	$ 203,800,000	$ 18,900,000	$ 222,700,000	1,930.35	$ 163,800,000	$ 13,500,000	$ 177,300,000
June	$ 208,500,000	$ 26,700,000	$ 235,200,000	1,926.55	$ 222,750,000	$ 16,250,000	$ 239,000,000
July	$ 157,900,000	$ 41,950,000	$ 199,850,000	1,931.60	$ 174,550,000	$ 20,250,000	$ 194,800,000
Aug. (p)	$ 162,600,000	$ 21,300,000	$ 183,900,000	1,899.60	$ 201,050,000	$ 14,850,000	$ 215,900,000
8 Mos.	$1,566,200,000	$ 187,200,000	$1,753,400,000		$1,406,700,000	$ 121,750,000	$1,528,450,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,850,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
Mar.	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
Apr.	$ 176,350,000	$ 14,950,000	$ 191,300,000	$ 6,200,000	$ 1,600,000	$ 7,800,000
May	$ 216,650,000	$ 19,250,000	$ 235,900,000	$ 12,850,000	$ 350,000	$ 13,200,000
June	$ 237,300,000	$ 27,900,000	$ 265,200,000	$ 28,800,000	$ 1,200,000	$ 30,000,000
July	$ 167,150,000	$ 42,250,000	$ 209,400,000	$ 9,250,000	$ 300,000	$ 9,550,000
Aug. (p)	$ 167,000,000	$ 22,100,000	$ 189,100,000	$ 4,400,000	$ 800,000	$ 5,200,000
8 Mos.	$1,670,000,000	$ 197,300,000	$1,867,300,000	$ 103,800,000	$ 10,100,000	$ 113,900,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

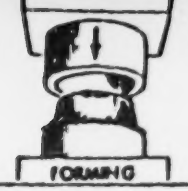
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb.	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
Mar.	$ 202,700,000	$ 24,300,000	$ 227,000,000	1,303.90	$ 140,350,000	$ 18,650,000	$ 159,000,000
Apr.	$ 112,850,000	$ 9,250,000	$ 122,100,000	1,322.85	$ 98,150,000	$ 5,000,000	$ 103,150,000
May	$ 157,350,000	$ 13,400,000	$ 170,750,000	1,374.75	$ 110,000,000	$ 8,850,000	$ 118,850,000
June	$ 159,950,000	$ 22,900,000	$ 182,850,000	1,394.60	$ 149,400,000	$ 13,600,000	$ 163,000,000
July	$ 114,850,000	$ 35,000,000	$ 149,850,000	1,419.40	$ 111,300,000	$ 13,750,000	$ 125,050,000
Aug. (p)	$ 115,700,000	$ 14,500,000	$ 130,200,000	1,406.55	$ 137,200,000	$ 5,850,000	$ 143,050,000
8 Mos.	$1,136,200,000	$ 148,050,000	$1,284,250,000		$ 925,950,000	$ 84,200,000	$1,010,150,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb.	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
Mar.	$ 212,600,000	$ 27,050,000	$ 239,650,000	$ 9,900,000	$ 2,750,000	$ 12,650,000
Apr.	$ 117,000,000	$ 10,200,000	$ 127,200,000	$ 4,150,000	$ 950,000	$ 5,100,000
May	$ 163,800,000	$ 13,700,000	$ 177,500,000	$ 6,450,000	$ 300,000	$ 6,750,000
June	$ 187,050,000	$ 24,050,000	$ 211,100,000	$ 27,100,000	$ 1,150,000	$ 28,250,000
July	$ 121,550,000	$ 35,250,000	$ 156,800,000	$ 6,700,000	$ 250,000	$ 6,950,000
Aug. (p)	$ 119,900,000	$ 15,250,000	$ 135,150,000	$ 4,200,000	$ 750,000	$ 4,950,000
8 Mos.	$1,217,050,000	$ 155,950,000	$1,373,000,000	$ 80,850,000	$ 7,900,000	$ 88,750,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb.	$ 69,550,000	$ 4,200,000	$ 73,750,000	583.65	$ 52,700,000	$ 5,250,000	$ 57,950,000
Mar.	$ 47,050,000	$ 5,250,000	$ 52,300,000	567.30	$ 64,200,000	$ 4,450,000	$ 68,650,000
Apr.	$ 57,300,000	$ 4,100,000	$ 61,400,000	562.10	$ 63,650,000	$ 2,950,000	$ 66,600,000
May	$ 46,450,000	$ 5,500,000	$ 51,950,000	555.60	$ 53,800,000	$ 4,650,000	$ 58,450,000
June	$ 48,550,000	$ 3,800,000	$ 52,350,000	531.95	$ 73,350,000	$ 2,650,000	$ 76,000,000
July	$ 43,050,000	$ 6,950,000	$ 50,000,000	512.20	$ 63,250,000	$ 6,500,000	$ 69,750,000
Aug. (p)	$ 46,900,000	$ 6,800,000	$ 53,700,000	493.05	$ 63,850,000	$ 9,000,000	$ 72,850,000
8 Mos.	$ 430,000,000	$ 39,150,000	$ 469,150,000		$ 480,750,000	$ 37,550,000	$ 518,300,000

DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb.	$ 71,550,000	$ 4,250,000	$ 75,800,000	$ 2,000,000	$ 50,000	$ 2,050,000
Mar.	$ 53,500,000	$ 5,300,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
Apr.	$ 59,350,000	$ 4,750,000	$ 64,100,000	$ 2,050,000	$ 650,000	$ 2,700,000
May	$ 52,850,000	$ 5,550,000	$ 58,400,000	$ 6,400,000	$ 50,000	$ 6,450,000
June	$ 50,250,000	$ 3,850,000	$ 54,100,000	$ 1,700,000	$ 50,000	$ 1,750,000
July	$ 45,600,000	$ 7,000,000	$ 52,600,000	$ 2,550,000	$ 50,000	$ 2,600,000
Aug. (p)	$ 47,100,000	$ 6,850,000	$ 53,950,000	$ 200,000	$ 50,000	$ 250,000
8 Mos.	$ 452,950,000	$ 41,350,000	$ 494,300,000	$ 22,950,000	$ 2,200,000	$ 25,150,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1A

News Release

Contact: Charles Pollock
Michael Codel
FOR RELEASE: October 28, 1985

MACHINE TOOL ORDERS FALL

SHIPMENTS RISE

For the first nine months of 1985, machine tool orders have fallen 11% while shipments have increased 11%, according to data compiled by the National Machine Tool Builders' Association.

During September, machine tool orders fell 40% from their rate one year ago, reaching a level of $171,650,000. Compared to August, this order rate is off 7%. "The U.S. machine tool industry had finally struggled up to its previous recessionary lows, and now we seem to be on another downslide," said James A. Gray, president of the National Machine Tool Builders' Association. "Since June we have observed a steady decline in orders from $235 million to September's $172 million.

"We know that the business investment dollars are there. We know that our products are competitive. And we know that American industry has the desire to buy capital equipment to modernize. What is missing is a vision of a growing future for manufacturing." Gray said.

"In 1981, the President lead us to a pro-expansion, pro-investment, pro-savings tax program that, once it took hold, lead us out of the recession. Even the machine tool industry, always one of the last to recover, was showing signs of rejuvenation, as evidenced by the growth in shipments." Gray stated. During September, machine tool shipments

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rose 12% from their August level, to a total value of $242,550,000. This shipment rate is 15% above the rate one year ago. The excess of shipments over orders resulted in a sharp, $71 million, decline in the industry's backlog of unfilled orders.

"Falling orders and backlogs are the clear result of the Congress' and Administration's protracted proposals and discussions of changes that would gut the salutary effects of the 1981 tax law. What began as an approach to developing a fair and simple tax code has turned into a dog-eat-dog battle for tax revenues at the expense of business, savings, investment and economic growth," Gray said. "As Congress debates, business investment plans languish, while capital purchases to create jobs, increase competitiveness, and provide for future growth, are deferred.

"These absurd tax proposals must be laid to rest -- and quickly!" Gray emphasized. "Continued delay will make recessionary predictions a self-fulfilling prophecy. Enactment of the current proposals will, as noted economist Norman Ture has stated, sound the death knell for manufacturing in America."

During September, orders for metal cutting type machine tools, which were 46% below last September's rate, declined 8% from their August level. Metal forming machine orders, off 21% from last year, were off 5% from August.

Shipments of metal cutting type machine tools rose 21% during September, to a rate that is 15% higher than it was one year ago; while metal forming shipments, which slid 5% during the month, reached a total that is 16% higher than it was one year ago.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

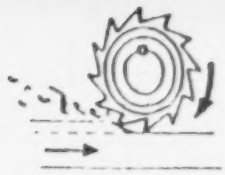
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
September 1985	104,950	15,850	120,800	37,450	13,400	50,850	142,400	29,250	171,650
August 1985	115,700	15,100	130,800	46,900	6,800	53,700	162,600	21,900	184,500
% Change Sept.1985:Aug.1985	-9.3	+5.0	-7.6	-20.1	+97.1	-5.3	-12.4	+33.6	-7.0
September 1984	194,850	27,300	222,150	60,250	3,800	64,050	255,100	31,100	286,200
% Change Sept.1985:Sept.1984	-46.1	-41.9	-45.6	-37.8	+252.6	-20.6	-44.2	-5.9	-40.0
Year To Date 1985	1,241,150	164,500	1,405,650	467,450	52,550	520,000	1,708,600	217,050	1,925,650
Year To Date 1984	1,226,000	178,950	1,404,950	715,500	44,600	760,100	1,941,500	223,550	2,165,050
% Change 1985 : 1984	+1.2	-8.1	+0.1	-34.7	+17.8	-31.6	-12.0	-2.9	-11.1

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
September 1985	157,450	16,100	173,550	62,200	6,800	69,000	219,650	22,900	242,550
August 1985	137,200	5,850	143,050	63,850	9,000	72,850	201,050	14,850	215,900
% Change Sept.1985:Aug.1985	+14.8	+175.2	+21.3	-2.6	-24.4	-5.3	+9.3	+54.2	+12.3
September 1984	138,700	12,650	151,350	51,150	8,250	59,400	189,850	20,900	210,750
% Change Sept.1985:Sept.1984	+13.5	+27.3	+14.7	+21.6	-17.6	+16.2	+15.7	+9.6	+15.1
Year To Date 1985	1,083,400	100,300	1,183,700	542,950	44,350	587,300	1,626,350	144,650	1,771,000
Year To Date 1984	1,023,800	77,650	1,101,450	433,750	55,450	489,200	1,457,550	133,100	1,590,650
% Change 1985 : 1984	+5.8	+29.2	+7.5	+25.2	-20.0	+20.1	+11.6	+8.7	+11.3

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

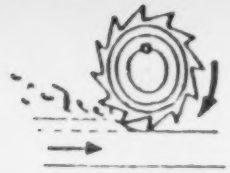
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
Mar.	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
Apr.	$ 170,150,000	$ 13,350,000	$ 183,500,000	1,884.95	$ 161,800,000	$ 7,950,000	$ 169,750,000
May	$ 203,800,000	$ 18,900,000	$ 222,700,000	1,930.35	$ 163,800,000	$ 13,500,000	$ 177,300,000
June	$ 208,500,000	$ 26,700,000	$ 235,200,000	1,926.55	$ 222,750,000	$ 16,250,000	$ 239,000,000
July	$ 157,900,000	$ 41,950,000	$ 199,850,000	1,931.60	$ 174,550,000	$ 20,250,000	$ 194,800,000
Aug.	$ 162,600,000	$ 21,900,000	$ 184,500,000	1,900.20	$ 201,050,000	$ 14,850,000	$ 215,900,000
Sept.(p)	$ 142,400,000	$ 29,250,000	$ 171,650,000	1,829.30	$ 219,650,000	$ 22,900,000	$ 242,550,000
9 Mos.	$1,708,600,000	$ 217,050,000	$1,925,650,000		$1,626,350,000	$ 144,650,000	$1,771,000,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,850,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
Mar.	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
Apr.	$ 176,350,000	$ 14,950,000	$ 191,300,000	$ 6,200,000	$ 1,600,000	$ 7,800,000
May	$ 216,650,000	$ 19,250,000	$ 235,900,000	$ 12,850,000	$ 350,000	$ 13,200,000
June	$ 237,300,000	$ 27,900,000	$ 265,200,000	$ 28,800,000	$ 1,200,000	$ 30,000,000
July	$ 167,150,000	$ 42,250,000	$ 209,400,000	$ 9,250,000	$ 300,000	$ 9,550,000
Aug.	$ 167,000,000	$ 22,700,000	$ 189,700,000	$ 4,400,000	$ 800,000	$ 5,200,000
Sept.(p)	$ 155,050,000	$ 29,800,000	$ 184,850,000	$ 12,650,000	$ 550,000	$ 13,200,000
9 Mos.	$1,825,050,000	$ 227,700,000	$2,052,750,000	$ 116,450,000	$ 10,650,000	$ 127,100,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb.	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
Mar.	$ 202,700,000	$ 24,300,000	$ 227,000,000	1,303.90	$ 140,350,000	$ 18,650,000	$ 159,000,000
Apr.	$ 112,850,000	$ 9,250,000	$ 122,100,000	1,322.85	$ 98,150,000	$ 5,000,000	$ 103,150,000
May	$ 157,350,000	$ 13,400,000	$ 170,750,000	1,374.75	$ 110,000,000	$ 8,850,000	$ 118,850,000
June	$ 159,950,000	$ 22,900,000	$ 182,850,000	1,394.60	$ 149,400,000	$ 13,600,000	$ 163,000,000
July	$ 114,850,000	$ 35,000,000	$ 149,850,000	1,419.40	$ 111,300,000	$ 13,750,000	$ 125,050,000
Aug.	$ 115,700,000	$ 15,100,000	$ 130,800,000	1,407.15	$ 137,200,000	$ 5,850,000	$ 143,050,000
Sept.(p)	$ 104,950,000	$ 15,850,000	$ 120,800,000	1,354.40	$ 157,450,000	$ 16,100,000	$ 173,550,000
9 Mos.	$1,241,150,000	$ 164,500,000	$1,405,650,000		$1,083,400,000	$100,300,000	$1,183,700,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb.	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
Mar.	$ 212,600,000	$ 27,050,000	$ 239,650,000	$ 9,900,000	$ 2,750,000	$ 12,650,000
Apr.	$ 117,000,000	$ 10,200,000	$ 127,200,000	$ 4,150,000	$ 950,000	$ 5,100,000
May	$ 163,800,000	$ 13,700,000	$ 177,500,000	$ 6,450,000	$ 300,000	$ 6,750,000
June	$ 187,050,000	$ 24,050,000	$ 211,100,000	$ 27,100,000	$ 1,150,000	$ 28,250,000
July	$ 121,550,000	$ 35,250,000	$ 156,800,000	$ 6,700,000	$ 250,000	$ 6,950,000
Aug.	$ 119,900,000	$ 15,850,000	$ 135,750,000	$ 4,200,000	$ 750,000	$ 4,950,000
Sept.(p)	$ 113,700,000	$ 16,300,000	$ 130,000,000	$ 8,750,000	$ 450,000	$ 9,200,000
9 Mos.	$1,330,750,000	$ 172,850,000	$1,503,600,000	$ 89,600,000	$ 8,350,000	$ 97,950,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb.	$ 69,550,000	$ 4,200,000	$ 73,750,000	583.65	$ 52,700,000	$ 5,250,000	$ 57,950,000
Mar.	$ 47,050,000	$ 5,250,000	$ 52,300,000	567.30	$ 64,200,000	$ 4,450,000	$ 68,650,000
Apr.	$ 57,300,000	$ 4,100,000	$ 61,400,000	562.10	$ 63,650,000	$ 2,950,000	$ 66,600,000
May	$ 46,450,000	$ 5,500,000	$ 51,950,000	555.60	$ 53,800,000	$ 4,650,000	$ 58,450,000
June	$ 48,550,000	$ 3,800,000	$ 52,350,000	531.95	$ 73,350,000	$ 2,650,000	$ 76,000,000
July	$ 43,050,000	$ 6,950,000	$ 50,000,000	512.20	$ 63,250,000	$ 6,500,000	$ 69,750,000
Aug.	$ 46,900,000	$ 6,800,000	$ 53,700,000	493.05	$ 63,850,000	$ 9,000,000	$ 72,850,000
Sept.(p)	$ 37,450,000	$ 13,400,000	$ 50,850,000	474.90	$ 62,200,000	$ 6,800,000	$ 69,000,000
9 Mos.	$ 467,450,000	$ 52,550,000	$ 520,000,000		$ 542,950,000	$ 44,350,000	$ 587,300,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb.	$ 71,550,000	$ 4,250,000	$ 75,800,000	$ 2,000,000	$ 50,000	$ 2,050,000
Mar.	$ 53,500,000	$ 5,300,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
Apr.	$ 59,350,000	$ 4,750,000	$ 64,100,000	$ 2,050,000	$ 650,000	$ 2,700,000
May	$ 52,850,000	$ 5,550,000	$ 58,400,000	$ 6,400,000	$ 50,000	$ 6,450,000
June	$ 50,250,000	$ 3,850,000	$ 54,100,000	$ 1,700,000	$ 50,000	$ 1,750,000
July	$ 45,600,000	$ 7,000,000	$ 52,600,000	$ 2,550,000	$ 50,000	$ 2,600,000
Aug.	$ 47,100,000	$ 6,850,000	$ 53,950,000	$ 200,000	$ 50,000	$ 250,000
Sept.(p)	$ 41,350,000	$ 13,500,000	$ 54,850,000	$ 3,900,000	$ 100,000	$ 4,000,000
9 Mos.	$ 494,300,000	$ 54,850,000	$ 549,150,000	$ 26,850,000	$ 2,300,000	$ 29,150,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1980 TO DATE

	CUTTING AND FORMING			CUTTING			FORMING		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1980-1	$1,146,150	$115,700	$1,517,450	$ 881,400	$ 86,750	$1,207,800	$ 264,750	$ 28,950	$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	$4,691,750	$607,500	$4,754,300	$3,680,800	$474,800	$3,884,750	$1,010,950	$ 132,700	$ 869,550
1981-1	$1,288,200	$210,800	$ 920,350	$1,017,850	$155,600	$ 706,600	$ 270,350	$ 55,200	$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	$5,095,600	$718,950	$2,944,850	$4,104,500	$552,050	$2,228,100	$ 991,100	$ 166,900	$ 716,750
1982-1	$1,154,200	$112,650	$ 506,800	$ 933,050	$ 71,750	$ 384,850	$ 221,150	$ 40,900	$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	$3,604,400	$406,050	$1,497,750	$2,894,750	$296,150	$1,064,450	$ 709,650	$ 109,900	$ 433,300
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	336,050	139,850	7,550	178,000
Total	$1,845,050	$215,000	$1,696,150	$1,371,500	$171,900	$1,151,650	$ 473,550	$ 43,100	$ 544,500
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	$ 572,300	$ 50,700	$ 764,400	$ 401,800	$ 28,250	$ 499,200	$ 170,500	$ 22,450	$ 265,200
3	$ 568,850	$ 41,850	$ 800,200	$ 401,550	$ 24,300	$ 493,000	$ 167,300	$ 17,550	$ 307,200
4	$ 695,200	$ 60,150	$ 750,750	$ 505,050	$ 45,000	$ 510,850	$ 190,150	$ 15,150	$ 239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	$ 586,050	$ 37,700	$ 641,400	$ 385,000	$ 27,450	$ 475,700	$ 201,050	$ 10,250	$ 165,700
3P	$ 653,250	$ 58,000	$ 556,000	$ 441,650	$ 35,700	$ 401,450	$ 211,600	$ 22,300	$ 154,550
Total	$1,771,000	$144,650	$1,925,650	$1,183,700	$100,300	$1,405,650	$ 587,300	$ 44,350	$ 520,000

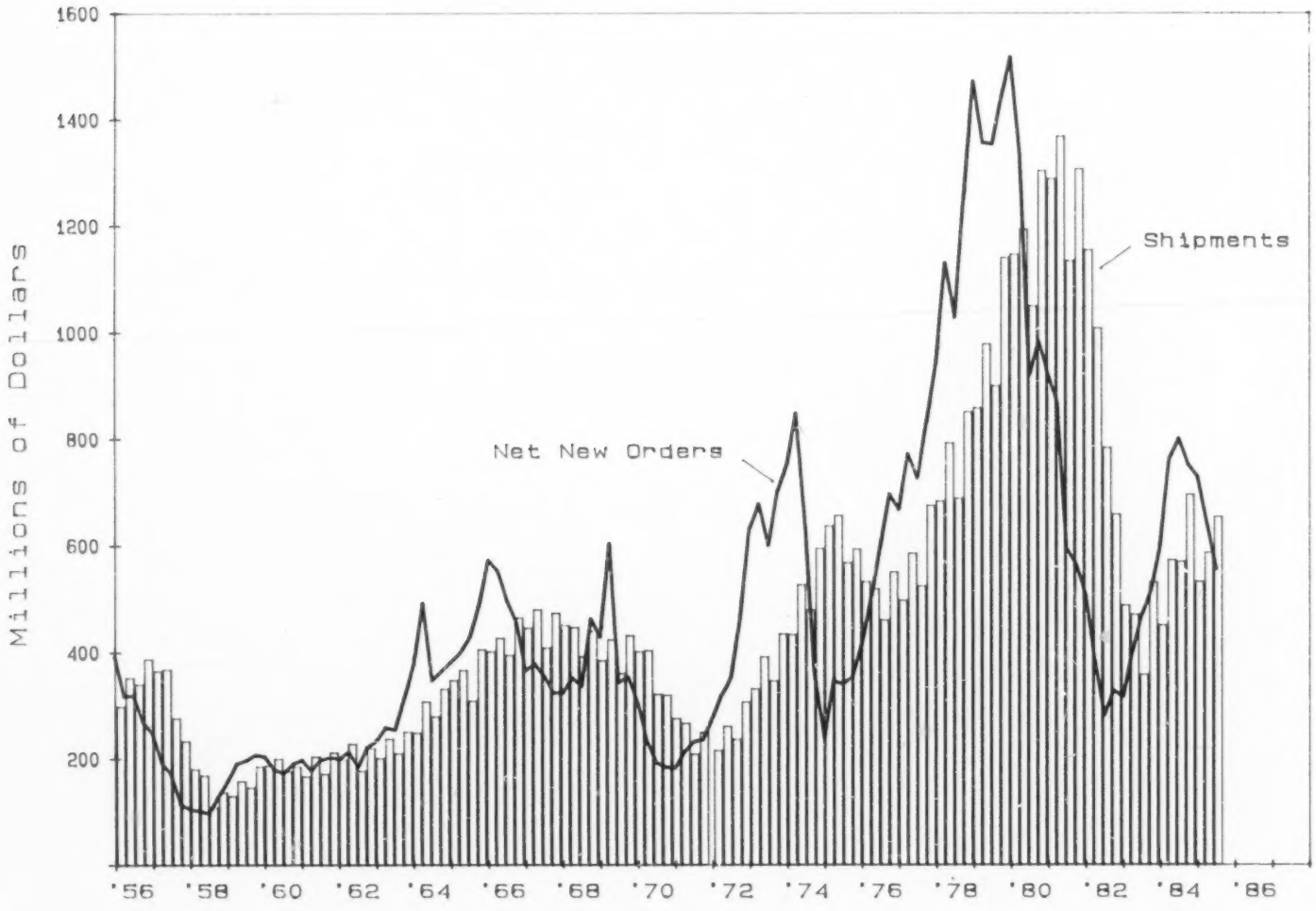
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1984, contact:
NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

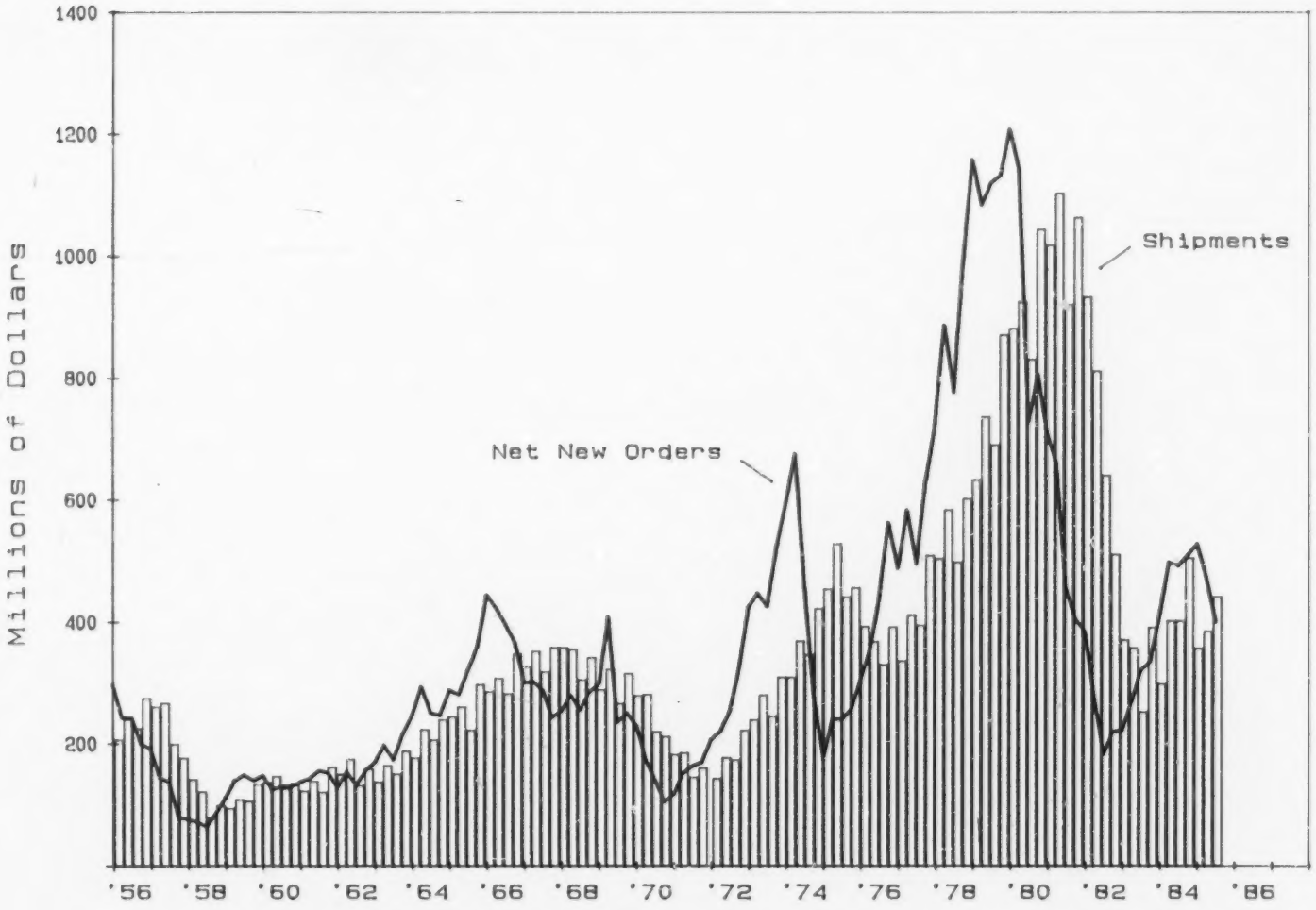
Source: National Machine Tool Builders' Association

October 28, 1985

Total Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 3



Metal Cutting Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 3



Metal Forming Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 3